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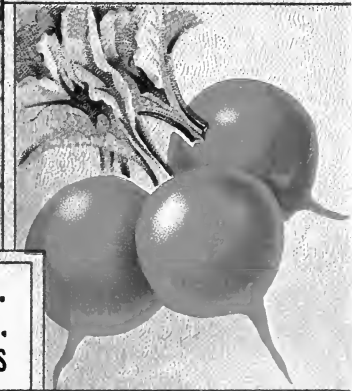
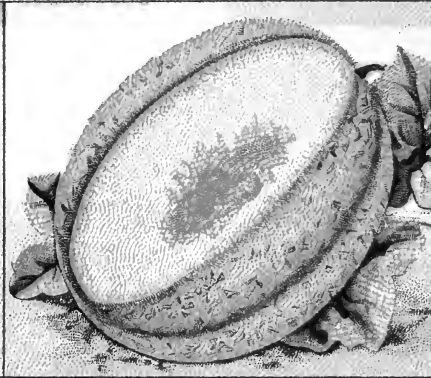
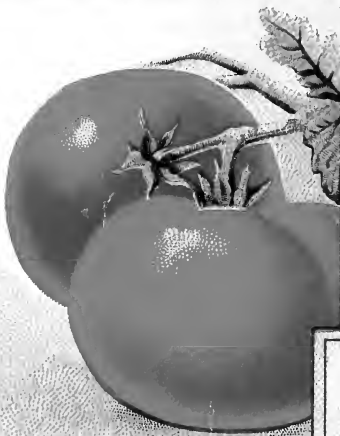
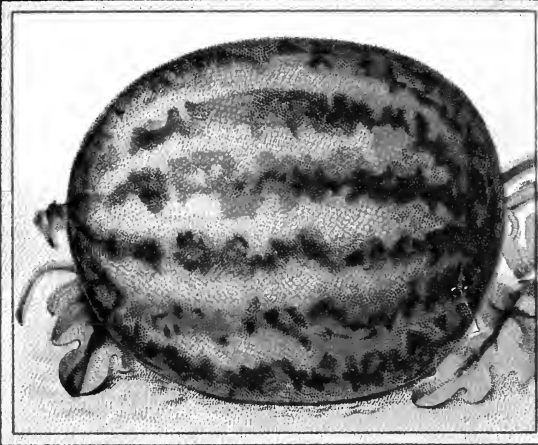
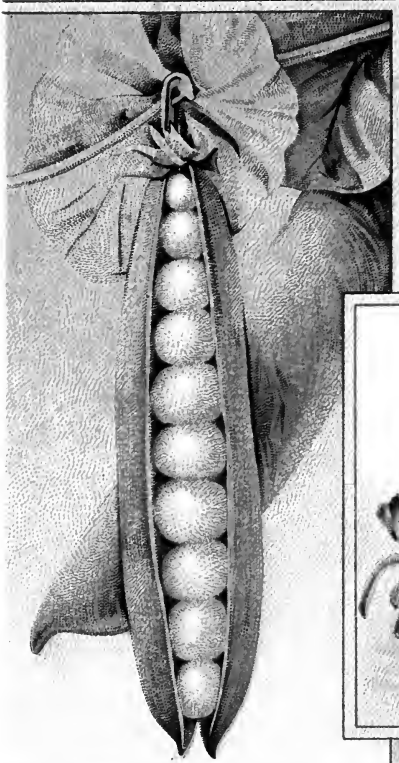


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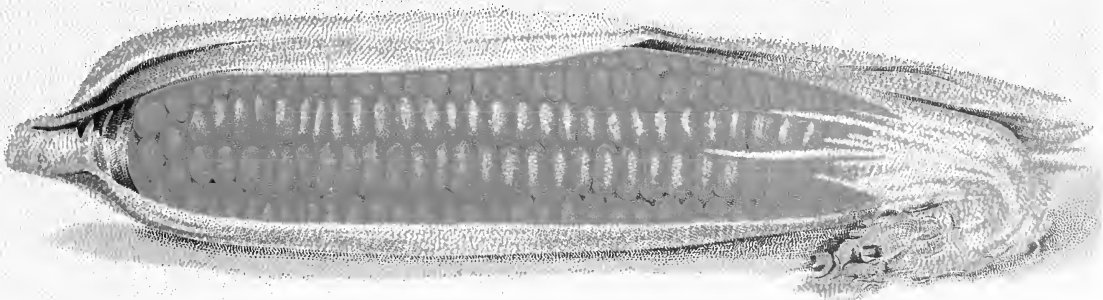
1876-1922

# SCOBIE & PARKER CO.'S

## ANNUAL SEED CATALOG FOR 1922



**SCOBIE & PARKER CO.**  
507 Liberty Ave. Pittsburgh, Pa.  
SEEDS : IMPLEMENTS : POULTRY SUPPLIES

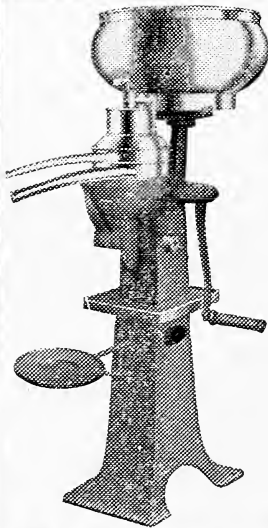


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## Investigate the Bowl!

**Y**OU'LL find other Separators as good looking as the Empire-Baltic—no manufacturer has a corner on good looks. You'll find other Separators made, like the Empire-Baltic, out of the best materials obtainable—anyone can buy the best grades of materials. But you'll find only one Separator with the **MILLION DOLLAR BOWL**—an exclusive **EMPIRE-BALTIC** feature—fully covered by basic patents.

Space prohibits telling you here all of the superior Empire-Baltic features, but the Million Dollar Bowl alone is important enough to impel you to come into our store today and learn all about this remarkable separator.

(Your name and address)

# ★ EMPIRE-BALTIC

**The Separator with the MILLION DOLLAR BOWL**



# GENERAL CATALOGUE

of

## SEEDS, PLANTS, Etc.



WITH this issue of our Annual Catalogue and Amateur's Guide, we enter upon the 45th year since the founding of our business.

The continuation of our successful business career is due to the fact that **Quality**, rather than price, has been our safe-guard through the passing years, and having proved successful in the past must be maintained in the future.

The gardener, whether for pleasure or profit, can not afford to gamble. He must have the best seeds that money can buy. He has not the facilities for selecting, breeding and testing but must have seeds that have been carefully selected, bred and tested; to insure getting such stocks he buys from those who have these facilities.

We try to make our Seed Annual accurately descriptive of the vegetables and flowers listed, and truly helpful by giving plain and easily understood cultural directions. The illustrations are of actual products and not fanciful images created from the artist's imagination.

With good seeds, good soil properly prepared and the necessary care and attention the gardener may expect results because all nature is working for him. Begin right by planting Scobie & Parker's seeds.

We wish to heartily thank our numerous customers for their loyal patronage in the past, and to assure them that the same careful attention will be given all orders, whether large or small.

**NOT WARRANTED**—We do not warrant in any way, expressed or implied, the contents, or the description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions we make this sale, at the moderate prices at which we sell our goods.

**OWING TO THE SHORTAGE IN SOME CROPS OF SEEDS, THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.**

### ASPARAGUS (Spargal, Ger.)

One Ounce Will Produce 200 Plants. Five Pounds to the Acre.

**CULTURE**—In early Spring sow the seed in drills one foot apart and one inch deep. When two years old transplant to permanent beds, which should be richly manured and trenched to a depth of 18 inches. Set the plants 4 inches deep and 18 inches apart in rows 2½ feet apart. Each Spring fork in a heavy dressing of manure and one quart of salt to each square rod. Two-year-old roots will insure the best and earliest results.

**PALMETTO.** It is of very large size, even and regular in growth. It is a very early sort, and immensely productive and of the best quality.

**CONOVER'S COLOSSAL.** One of the best varieties, large and productive.

**ASPARAGUS ROOTS.** By planting Asparagus Roots instead of the seeds, much time can be saved in getting the shoots ready for table or market. Plant in Spring, as early as possible.

**CONOVER'S COLOSSAL.** Two-year-old roots.

**PALMETTO.** Two-year-old roots.

Prices on any variety of 2-year-old roots: Per 100, \$1.50; per 1000, \$13.00.

### BRUSSELS SPROUTS

One Ounce of Seed to 100 Yards of Row.

**AMAGAR MARKET.** Plants of very vigorous growth, about 3 feet in height; Pkt. oz. ¼ lb. stalks large, thick and close-jointed, the sprouts set quite thickly upon the stalk, and are developed very uniformly. . . . . \$ .10 \$ .20 \$ .75

BEANS (Bohne, Ger.) DWARF OR BUSH



J.B.R.S.Co.

One Quart Will Plant One Hundred Feet of Drill.

Culture—Beans are tender and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows two feet apart, and the beans three inches apart and two inches deep in the rows. Keep well hoed and draw the earth up to the stems, but only when dry; working when wet with the rain or dew will cause them to rust and injure the crop.

VARIETIES GROWN FOR DRY SHELL BEANS

**WHITE MARROW FAT.**  
Grown for a dry Bean for winter use.  
Qt. \$ .35; Pk. \$2.25; Bu. \$8.00.

**DWARF HORTICULTURAL.**  
Furnishes green-shelled Beans of fine quality. As now grown for us by this country's foremost Bean specialist, this strain is entirely stringless, hence the pods may be used as "snap-shorts" in the green stage.  
Qt. \$ .40; Pk. \$2.75; Bu. \$9.50.

**WHITE KIDNEY.** Durable for a Shell Bean. Seeds large, white, kidney-shaped, and of excellent quality.  
Qt. \$ .40; Pk. \$2.75; Bu. \$9.50.

**SNOWFLAKE, NAVY.** An improvement on the common Navy Bean; earlier and more productive.  
Qt. \$ .35; Pk. \$2.25; Bu. \$8.00.

GREEN PODDED BUSH BEANS (STRINGLESS)

<b>FULL MEASURE.</b> A new stringless Green-podded Bush Bean. Pods round and about 5 inches in length. Tender, of excellent quality and very productive.	Qt. \$ .40	Pk. \$2.75	Bu. \$ 9.50
<b>BOUNTIFUL.</b> This is perhaps the finest-all-round, flat-podded, green Bush Bean in cultivation today. It surpasses in bearing qualities	.40	2.75	9.50
<b>BURPEE'S GREEN-POD STRINGLESS.</b> Pods entirely stringless; are very full; fleshy. They remain crisp and tender until Beans are fully developed.	.40	2.75	9.50
<b>GIANT GREEN-POD STRINGLESS.</b> As early and productive as the Valentine, with pods a third larger, round, full and fleshy	.40	2.75	9.50

GREEN PODDED STRING BEANS

<b>LONGFELLOW.</b> Pods straight, round, pale green; 6 inches or more in length. When cooked they retain their light green color and good flavor.	Early.....	.40	2.75	9.50
<b>REFUGEE or 1000 to 1.</b> Pods round tender, fleshy and of fine flavor.		.40	2.75	9.50
<b>BLACK VALENTINE.</b> Pods long, straight, round and early; of good quality and a heavy yield; has so far proven rust-proof		.40	2.50	9.00
<b>IMPROVED RED VALENTINE.</b> Pods round, thick and solid; tender, fine flavor.		.40	2.50	9.00

WAX, or YELLOW-PODDED STRINGLESS BUSH BEANS

<b>SURE-CROP STRINGLESS WAX.</b> This splendid new Bean is one of the most prolific yet introduced. Beautiful, rich yellow semi-round pods. It is early, hardy, stringless, rust-proof, of finest quality		.45	3.00	11.00
<b>PENCIL-POD WAX.</b> Pods long, round, straight, slender, early, very productive		.45	3.00	10.50
<b>WARDWELL'S WAX.</b> Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless		.45	3.00	10.50
<b>KEENEY'S RUSTLESS GOLDEN WAX.</b> Vines strong and vigorous with short runners. Pods produced in abundance; stringless, white and wax-like		.45	3.00	10.50
<b>ROUND-POD KIDNEY WAX, or BRITTLE WAX.</b> Pods long, round, solid, brittle and of fine quality. Plants vigorous, early and very productive		.45	3.00	10.50
<b>NEW WHITE KIDNEY WAX.</b> Pods long, fleshy, and stringless		.45	3.00	10.50

WAX, or YELLOW-PODDED STRING BUSH BEANS

<b>PROLIFIC BLACK WAX.</b> The old standard Black Wax		.40	2.75	9.50
<b>GOLDEN EYED WAX.</b> Round pod, early		.40	2.75	9.50
<b>DAVIS WAX.</b> Large straight, flat pod		.40	2.75	9.50

## BUSH LIMA BEANS.

Identical with the pole varieties in size of pods, but being dwarf in growth do not require support.  
One quart will plant 100 feet of row.

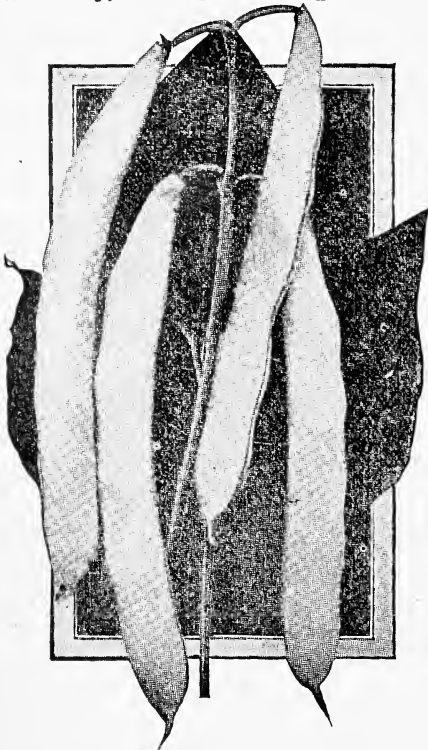
<b>BURPEE'S BUSH LIMA BEAN.</b> The true bush form of the old large Lima Pole Bean. It grows vigorously to a height of 18 to 20 inches, forming a circular bush 2 or 2½ feet in diameter .....	Qt. .55	Pk. \$3.50	Bu. \$13.00
<b>IMPROVED DWARF LIMA.</b> Pods and Beans are both larger and thicker than Burpee's Bush Lima. Plant is a vigorous grower with heavy foliage .....	.55	3.50	13.00
<b>FORDHOOK BUSH LIMA.</b> The beans are large, thick and of most excellent quality. Habit of plant, a strong, erect, bush-like growth. Pods borne in clusters of from 4 to 8, averaging 4 Beans to the pod. Exceedingly productive. ....	.55	3.50	13.00
<b>GIANT IMPROVED BUSH LIMA.</b> Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of 5 to 8 and of enormous size .....	.60	3.75	14.00

## POLE LIMA BEANS—All Best Grade Hand-Picked

<b>KING OF THE GARDEN.</b> The vines set Beans early and bear until frost; only two vines allowed to a hill .....	.50	3.00	11.00
<b>SIEBERT'S EARLY LIMA.</b> Pods and Beans quite large; very early and productive; quality the best .....	.50	3.00	11.00
<b>LARGE WHITE LIMA.</b> The Large Lima is a general favorite .....	.50	3.00	11.00
<b>CARPINTERIA POLE LIMA.</b> The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decided greenish tint, an indication of very finest quality .....	.50	3.00	11.00
<b>EARLY LEVIATHAN.</b> Not only earlier than any other but exceptionally prolific and unsurpassed in quality, being tender and of fine flavor. Pods contain from 3 to 4 beans of good size .....	.50	3.00	11.00
<b>SMALL SIEVA OR CAROLINA.</b> The "Butter Bean" of the South. A very early variety producing small pods with three small beans of fine quality. A very good yielder .....	.50	3.00	11.00

## EDIBLE-PODDED POLE BEANS

Pole Beans are even more sensitive to cold and wet, as well as to droughts and hot winds, than the dwarf varieties, but are of superior quality and productiveness. After settled warm weather, set poles 4 to 8 feet long in rows 4 feet apart and extending north and south, the poles being 3 feet apart in the row. Let the poles slant slightly toward the north. Set in this way the vines climb better, and the pods are straighter and more easily seen. Around each stake plant 5 to 8 beans 2 inches deep. When well started thin to 4 plants, and see that they all climb around the pole in the same way, for they will not grow if tied up in the opposite direction.



<b>KENTUCKY WONDER WAX.</b> Has all the desirable qualities of Kentucky Wonder Green-Pod. Pods transparent yellow, stringless and of delicious quality; very vigorous and immensely productive. ....	Qt. .50	Pk. \$3.50	Bu. \$12.00
<b>KENTUCKY WONDER, or OLD HOME-STEAD.</b> Pods borne in clusters; deep green in color; round and often 9 inches in length; tender, crisp and finest quality .....	.45	3.00	11.00
<b>WHITE-SEEDED KENTUCKY WONDER.</b> A continuous bearer and almost rust-proof, the round green pods being stringless .....	.45	3.00	11.00
<b>LAZY WIFE.</b> Very productive; pods green; 4 to 6 inches long; broad, thick, fleshy and entirely stringless; rich and tender .....	.50	3.50	12.00
<b>HORTICULTURAL.</b> Bears profusion of large, fleshy pods; one of the best and finest flavored shell Beans .....	.45	3.00	11.00
<b>EARLY GOLDEN CLUSTER WAX.</b> Splendid Snap Bean. Vine strong and hardy .....	.50	3.50	12.00
<b>SCARLET RUNNER.</b> Grown principally for its flowers; good as a Snap or Shell Bean .....	\$ .10 oz.; \$ .30 lb.		

## GARDEN PEAS

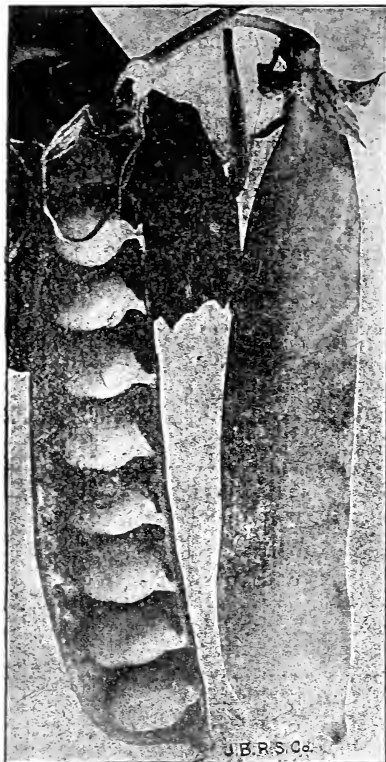
(ERBSEN, Ger.; POIS, Fr.)

Our Seed Peas are all grown in the north, and are of the **earliest and hardest** as well as the **purest strains**. They are far superior to most of the Seed Peas sold. They may be expected to bring well-filled pods, which cheap and carelessly grown seed will not do.

The smooth-seeded early sorts, such as **Alaska** and **First and Best**, can be sown while frost is yet in the ground, while larger and sweeter peas sown at the same time would rot. **Sow some of the early, second early, and late varieties at intervals of about two weeks apart**, and your table will be supplied with delicious peas during the entire season.

Dwarf growing Peas require very rich soil and **need no support of any kind**; tall growing sorts should be trained to wire trellis or supported by brush. Wrinkled peas are the sweetest, and are recommended for the home garden.

Figures preceding description of varieties indicate height.



Laxtonian

## EXTRA EARLY SMOOTH SORTS

	Qt.	Pk.	Bu.
<b>EARLY EIGHT WEEKS.</b> The quality of this Pea is good, and as the variety is extra early they will give you your first taste of new green Peas, and you know these always taste good. 12 to 15 inches high .....	.50	3.50	12.00
<b>FIRST AND BEST, 50 Days.</b> A white seeded Extra Early—fine quality, 24 inches .....	\$.40	\$2.75	\$ 9.50
<b>ALASKA, 49 Days.</b> 2½ feet. Pods small, but well filled with excellent dark green Peas..	.40	2.75	9.50

## EARLY WRINKLED SORTS

	Qt.	Pk.	Bu.
* <b>SUTTON'S EXCELSIOR.</b> A fine wrinkled Pea quite hardy. The plants are dwarf (about 15 inches high), of vigorous growth .....	.50	3.50	12.00
* <b>AMERICAN WONDER.</b> Vigorous, productive vines, with a luxuriant foliage, from 9 to 12 inches high .....	.50	3.50	12.00
* <b>NOTT'S EXCELSIOR.</b> Resembling Gems in habit, but more dwarf and uniform in growth; height, 12 to 17 inches, with rather light foliage. Pods are light in color .....	.50	3.50	12.00
* <b>GRADUS, 52 Days.</b> An extra early sort. Pods as large as Telephone; very showy, green Peas, most luscious.....	.50	3.50	12.00
* <b>EXTRA-EARLY TELEPHONE, 52 Days.</b> 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest .....	.50	3.50	12.00
* <b>THOMAS LAXTON, 55 Days.</b> Pods large, seed wrinkled, sweet, of fine flavor....	.50	3.50	12.00
* <b>LAXTONIAN.</b> Pods nearly as large as Thos. Laxton, and mature about three days later than Nott's Excelsior. Vines 15 to 18 inches. A good yielder and quality first-class .....	.50	3.50	12.00
* <b>McLEAN'S LITTLE GEM.</b> Grows 1½ feet high—early—fine flavor, very sweet.	.50	3.50	12.00
* <b>LITTLE MARVEL.</b> Dwarf early productive .....	.50	3.50	12.00

## DWARF SECOND EARLY SORTS

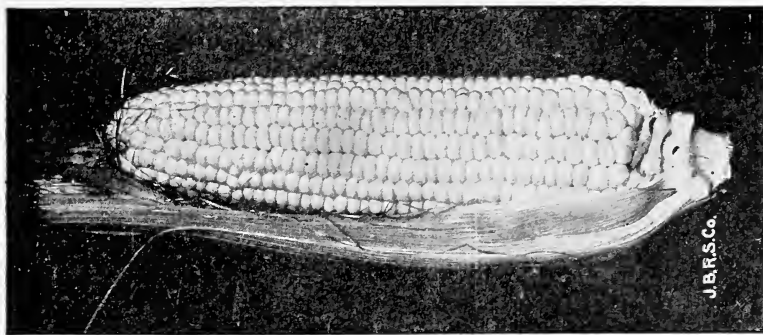
* <b>STRATAGEM.</b> A vigorous, hardy and luxuriant vine bearing large pods containing peas of excellent quality. Vines 20 inches .....	.50	3.50	12.00
* <b>POTLATCH.</b> A variety, growing 15 to 18 inches high, with very large pods. Vines and pods are a rich, dark green, and pods contain 8 to 9 immense peas....	.50	3.50	12.00
* <b>DWARF TELEPHONE.</b> Vines 18 to 20 inches bearing pods; broad, straight and about 4 inches long. Pale green in color and well filled with peas of excellent flavor. Ready for picking from 62 to 65 days from planting .....	.50	3.50	12.00

## TALL LATE SORTS

* <b>ADERMAN</b> 70 days. Height 4 to 5 feet. The quality equals the productiveness. The Peas are large and of luscious flavor .....	.50	3.50	12.00
* <b>DUKE OF ALBANY, 70 Days.</b> 3 feet. Pods large and produced in great abundance .....	.50	3.50	12.00
* <b>TELEPHONE, 65 Days.</b> 3½ feet. Pods and Peas are very large and showy; the latter being sweet and rich; very productive.....	.50	3.50	12.00
<b>CHAMPION OF ENGLAND.</b> Very productive and universally admitted to be one of the richest and best flavored of the late peas. Height, 4 to 5 feet .....	.50	3.50	12.00
<b>MAMMOTH-PODDED SUGAR.</b> In this variety the entire pod is cooked, being sweet, tender and stringless, and forming a delicious dish; pods 5 to 6 inches long and 1½ inches wide; plant very tall; crop late .....	.50	3.50	12.00
<b>LARGE BLACKEYE MARROWFAT.</b> An excellent variety, growing about 5 feet high; a very prolific bearer of large pods; one of the very best Marrowfat sorts .....	.50	3.50	12.00

Wrinkled Varieties Marked with (\*).

## CORN—(Welschkorn, Ger.) SWEET OR TABLE VARIETIES.



Seeds of Sweet or Sugar Corn being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, continue planting every two weeks until the middle of July, in rich, well manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.

One quart of seed corn plants 200 to 300 hills; one peck will sow an acre in hills.

### EXTRA EARLY SORTS

	Qt.	Pk.	Bu.
<b>EXTRA EARLY ADAMS.</b> Not a Sugar Corn.....	\$ .25	\$1.50	\$ 5.00
<b>PREMO.</b> One of the very earliest; ears of good size for such an early variety....	.30	1.75	5.75
<b>PEEP O'DAY SWEET CORN.</b> This variety is claimed the earliest sweet corn....	.30	1.75	5.75
<b>MAMMOTH WHITE CORY.</b> We consider this unquestionably the best early corn. Ears very large for so early a variety. Stalks about 4 feet high .....	.30	1.75	5.75
<b>MAYFLOWER.</b> Ears average 6 to 8 inches long and are almost uniformly 8-rowed. Of splendid quality for an extra-early kind .....	.30	1.75	5.75
<b>EARLY MINNESOTA.</b> One of the best early sorts for the market and the private garden. Stalks about 6 feet high .....	.30	1.75	5.75
<b>PARKER'S CHALLENGE.</b> A new, early variety, large ear, fine quality .....	.35	2.25	7.50

### GOLDEN SORTS

<b>GOLDEN BANTAM.</b> An early sweet corn with golden yellow grain, very tender and of excellent quality .....	.30	2.00	6.00
<b>GOLDEN CREAM.</b> A cross between Country Gentleman and Golden Bantam. Kernels, ear and cob are like Country Gentleman, while the flavor resembles and is equal to that of Golden Bantam. Dwarf in habit; very early and bears from two to four ears to the stalk .....	.30	2.00	6.00
<b>PARKER'S GOLDEN DELICIOUS.</b> Early, very sweet; Golden color. Good sized ear .....	.35	2.25	7.50
<b>GOLDEN GIANT.</b> Excels all other early varieties in size, productiveness and quality, and all of the late varieties in quality and early maturity.....	.50	3.75	15.00

### SECOND EARLY SORTS

<b>COLUMBUS MARKET.</b> Ready for table with the second earlies. White and very sweet grains, which are second to none in tenderness and flavor .....	.30	1.75	5.75
<b>PERFECTION</b> .....	.30	1.75	5.75
<b>EARLY EVERGREEN.</b> Similar to Evergreen, but earlier. Quality best .....	.30	1.75	5.75
<b>HOWLING MOB.</b> Larger than Cory and a few days later. Ears of very attractive appearance and finest quality .....	.30	1.75	5.75
<b>EARLY CHAMPION.</b> The earliest large Sweet Corn; produces ears 10 in. long..	.30	1.75	5.75
<b>POCAHONTAS.</b> Probably the earliest Sweet Corn. Quality not the best but as good as any of the extra-early varieties.....	.30	1.75	5.75
<b>KENDAL'S EARLY GIANT.</b> Remarkably large in ear for a second early sort and very popular in some localities. Stalks about 5½ feet high .....	.30	1.75	5.75
<b>EARLY MAMMOTH.</b> The earliest, long slim ear among the desirable sorts .....	.30	1.75	5.75

### LATE SORTS

<b>BLACK MEXICAN.</b> A black-grained variety, sweet and tender .....	.30	1.75	5.75
<b>COUNTRY GENTLEMAN.</b> Ears of good size and well filled with deep white grains of delicious quality. Cobs small .....	.30	1.75	5.75
<b>STOWELL'S EVERGREEN.</b> Grown more than any other sort. Ears large, with deep sugary grains; remains fit for use a long time .....	.30	1.75	5.75
<b>WHITE EVERGREEN.</b> Possesses to an intensified degree all the qualities of Stowell's Evergreen, and has in addition the valuable characteristics of being pure white. Grains large, tender and sweet.....	.30	1.75	5.75
<b>LATE MAMMOTH.</b> A rather late variety, but producing the largest ears of any sort with which we are acquainted. It is of excellent quality .....	.30	1.75	5.75
<b>RICE POP CORN.</b> A very handsome and prolific variety .....	Shelled, 20c lb.		

### FIELD CORN—(See page 22)

### CORN SALAD

Eight Ounces of Seed to 100 Yards of Row.

**BROAD-LEAVED (Large Seeded).** Used as a small salad throughout the winter and spring. Sow thickly in Drills, cover slightly first of autumn, and sprinkle with straw on the approach of severe weather Height, 4 inches .....

\$ .15 \$ .50 \$1.50



## B E E T S—Runkelrueben Ger.—(For Table.)



Sow as early in the spring as ground can be worked, and for succession, every two weeks after up to the first of July, in drills twelve to fourteen inches apart, and when well up thin to from four to six inches.

One ounce will sow 50 feet of drill; 5 to 6 pounds are required for an acre. oz. ¼ lb lb.

<b>PARKER'S WONDER.</b> A new Early Beet, globe shaped, dark red, grows large and of fine quality .....	.10	.30	.75
<b>EARLY MODEL.</b> A splendid Beet of perfect globe-shaped; ripens very early; deep blood-red in color .....	.10	.30	.75
<b>ECLIPSE.</b> Roots globe-shaped, deep red, with sweet, fine-grained flesh, fair quality .....	.10	.30	.75
<b>EARLY EGYPTIAN.</b> The well-known early variety. Color, extra dark, shape flat, quality excellent .....	.10	.30	.75
<b>CROSBY'S IMPROVED.</b> An improved Egyptian; its roots are thicker, smoother and of better shape .....	.10	.30	.75
<b>EDMAND'S BLOOD TURNIP.</b> The best sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with market men .....	.10	.30	.75
<b>DETROIT DARK RED.</b> A medium early globe-shaped beet of excellent quality. It is especially esteemed on account of its dark-red color which extends entirely through the beet, and without the light-colored rings seen in some varieties. The beets are smooth and handsome .....	.10	.30	.75
<b>CRIMSON GLOBE.</b> Handsome in shape, a little deeper than round, with a smooth surface and small tap root. Flesh deep crimson, ringed and zoned. Not only desirable for bunching for early use, but it is good for main crop, as it keeps well until spring .....	.10	.30	.75
<b>SWISS CHARD, or SEA KALE BEET.</b> It is superior to the common beet for greens; the plants form broad, wax-like stems to the leaves, which are very delicious cooked or pickled. They have a flavor similar to spinach .....	.10	.30	.75

## FIELD BEETS FOR STOCK-FEEDING

Grown for stock-feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre. oz. ¼ lb lb.

<b>GIANT LONG RED MANGEL.</b> Heavy cropper; roots long and thick .....	\$ .10	\$ .20	\$ .50
<b>GOLDEN TANKARD.</b> Has large roots; flesh bright and yellow .....	.10	.20	.50
<b>GIANT IMPERIAL SUGAR.</b> Rich in sugar and more nutritious than others .....	.10	.20	.50

## CHICORY

**LARGE ROOTED, or COFFEE.** Sow the seed as early in the spring as the ground can be prepared, in drills two to two and one-half feet apart. When the plants are sufficiently large, thin to six inches apart in the row. Cul- Pkt. oz. ¼ lb. tivate well in the fall, dig the roots, slice them and dry .....

\$ .10 \$ .40 \$1.50

## CABBAGE (Kopfkohl, Ger.)

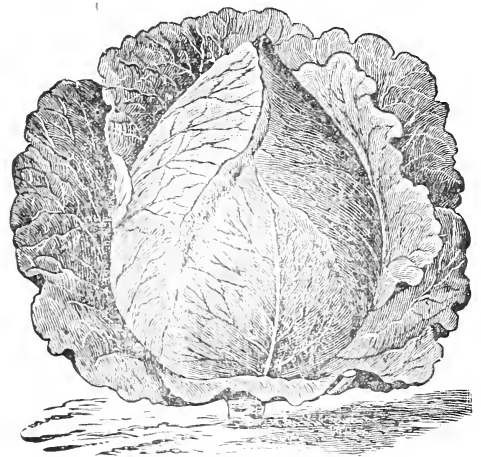
Our Cabbage Seed is grown under the care of practical, painstaking and reliable men; in localities where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality, our seeds can but give satisfaction, and we unhesitatingly recommend it for the use of either market or private gardener.

All that Cabbage requires is the soil to be rich, deep, well drained and abundantly manured. For the early kinds, plant 30 inches between the rows and 16 inches between the plants. For the late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hotbeds. Set out when the plants are strong enough into other hotbeds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. The late or winter crop seed can be sown in May and the plants set out in July.

An ounce of seed produces 1,500 Plants; one-half pound to transplant for an acre.



CABBAGE, COPENHAGEN MARKET



CABBAGE, EARLY JERSEY WAKEFIELD

	oz.	$\frac{1}{4}$ lb	lb.
<b>EXTRA-EARLY JERSEY WAKEFIELD.</b> Best early variety. Heads of medium size, pyramidal, pointed, firm and solid .....	.20	\$.60	\$ 1.75
<b>LARGE WAKEFIELD, or CHARLESTON.</b> A selection from the preceding, and ten days later, with heads twice as large .....	.20	.60	1.75
<b>EARLY WINNINGSTADT.</b> Conical heads; one of the best early Cabbages .....	.20	.60	1.75
<b>ENKHUIZEN GLORY.</b> Combines earliness, size and quality. Produces large, solid, ball-shaped heads, with few outside leaves .....	.25	.75	2.25
<b>COPENHAGEN MARKET.</b> This is very heavy and solid, like the "Ballhead" type of cabbage; makes a fine, large, globe-shaped head with well-developed outside leaves, but is very much earlier in maturing than any of the Danish Cabbages, in fact as early as Early Jersey Wakefield, and will give a much heavier yield per acre than that variety. ....	.25	.75	2.25
<b>EARLY SUMMER.</b> Heads large, solid, roundish flat; stand a long while after maturity without bursting .....	.20	.60	1.75
<b>MAMMOTH ROCK RED.</b> The largest heading of any red sort. Heads are hard, of deep red color, quality excellent .....	.20	.60	1.75
<b>SUREHEAD.</b> The heads are of Flat Dutch type, uniform in shape and size, solid and heavy .....	.20	.60	1.75
<b>PREMIUM FLAT DUTCH.</b> This variety of late Cabbage is a standard in all sections for winter use. It makes a large, solid head which keeps long without bursting .....	.20	.60	1.75
<b>DANISH BALL HEAD (Short Stem).</b> The seed we offer is grown on Amagar Island, Denmark, and is not only genuine, but also of the highest standard of quality .....	.25	.75	2.25
<b>LARGE LATE DRUM HEAD.</b> Heads round and solid .....	.20	.60	1.75
<b>SUCCESSION.</b> About two weeks later than early summer; heads are large and slightly flatter .....	.20	.60	1.75
<b>GREEN CURLED SAVOY.</b> A very early sort. ....	.20	.60	1.75
<b>DRUMHEAD SAVOY.</b> Best of the early sorts. Round head, large and solid. Quality excellent .....	.20	.60	1.75
<b>CHINESE IMPROVED, or PE-TSAI.</b> Resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market. Sow in this latitude after July 1st. Early planting of Pe-Tsai run quickly to seed in hot weather .....	.20	.60	1.75

CAULIFLOWER

**How to Grow Fine Cauliflower.** Culture for Cauliflower and Cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for Cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts, they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or cold-frame, and will form heads without further attention. An ounce of seed will produce about 1,500 plants.

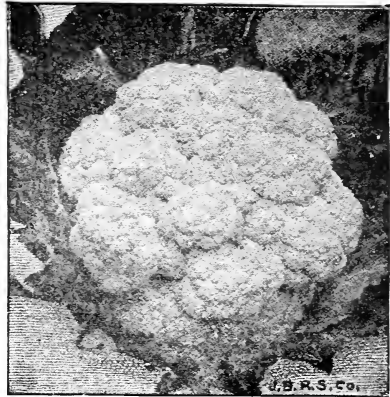
PEDIGREED DANISH SEED.

Pkt. ¼ oz. 1 oz. ¼ lb.

PARKER'S EX. EARLY SNOWBALL \$ .25 \$ .75 \$2.25 \$ 9.00

EARLY SNOWBALL. Produces large, handsome heads, measuring 8 to 10 inches across; pure snowy white; close, compact and of the finest quality. The stalks are short. .20 .65 2.00 7.00

DANISH GIANT, or DRY WEATHER. Similar to Snowball in size, quality, but matures about one week later and is a better drought and heat resister ..... .15 .50 1.25 4.00



CELERY

**CULTURE**—Celery can be grown in any garden soil, but the finest is produced in deep, mellow, bottom land. Seed for early crops should be sown in hot beds about March 15. The plants may be either thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For the main crop, seed should be sown in the open air as soon as the soil and the air are warm enough. They should be covered lightly, or merely pressed into the earth with a board, if the soil is fine and mellow. The seed bed should be kept free from weeds, and well watered in dry weather. When the plants are large enough transplant them to shallow trenches or furrows, 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. An ounce of seed will produce about 2,000 plants.



DWARF GOLDEN HEART

A distinct, rare and decidedly ornamental type; when blanched, being an exquisite golden yellow. \$ .20 \$ .60 \$2.00

MAGNIFICENT ..... .20 .60 2.00

GOLDEN SELF BLANCHING.

The best self-blanching sort. It acquires a handsome golden color without having to be hilled up ..... .35 1.25 4.00

EASY BLANCHING CELERY.

The Easiest and Quickest to Blanch. The Earliest and the Latest in One Row. The tender, brittle, sweet nutty flavored stocks are attractive in appearance. Ready for the table or market in about 115 days. Grows equally well on muck or upland.... .35 1.25 4.00

WHITE PLUME. A good self-blanching sort ....

.25 .75 2.75

GIANT PASCAL. This is the best keeper of all the late sorts; very solid and crisp .....

.20 .60 2.00

LARGE SMOOTH PRAGUE. Has a large smooth root, and is the finest of all celery .....

.20 .60 2.00

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, fine winter keeper ..... .20 .60 2.00



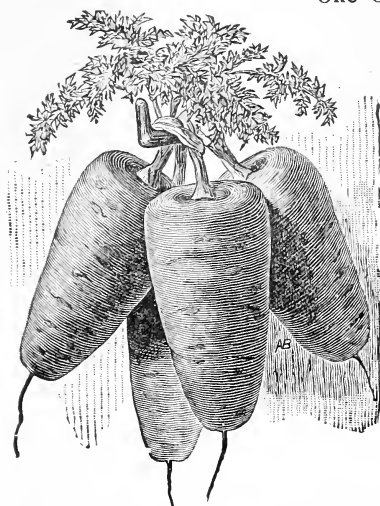
## CARROTS (Moehren, Ger.)

### FOR MARKET OR HOME GARDEN

This is a vegetable deserving to be more generally cultivated, both for use upon the table and for stock feeding purposes. There is no more healthful root crop.

For early, sow in spring as soon as ground can be worked, in drills 15 inches apart, covering one-half inch. For the main crop, sow from the middle of May to the first of July. Thin out in row from 5 to 6 inches apart. Hoe often and deeply between the rows. Light, sandy loam, richly manured, is the best soil.

One Ounce Will Sow About 125 Feet of Drill.



**EARLY SCARLET HORN.** For early crops. oz. ¼ lb lb.  
Roots are about 3 inches long and of very good quality ..... \$ .10 \$ .30 \$ .75

**EXTRA EARLY FRENCH FORCING, 40 Days.**  
We recommend this first early variety to Market Gardeners as admirably adapted for forcing under glass ..... .15 .35 .85

**IMPROVED LONG ORANGE.** Extensively grown; good and heavy in yield..... .10 .30 .75

**DANVER'S HALF-LONG.** The roots are smooth, thick and intermediate between Short Horn and Long Orange in form..... .10 .30 .75

**ST. VALERY INTERMEDIATE.** Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange color and of finest quality ..... .10 .30 .75

**CHANTENAY.** Handsome roots, broad-shouldered, smooth and more uniform than the Danvers; of superior flavor..... .10 .30 .75

**GUERANDE, or OX HEART.** This is a desirable variety for soil so hard and stiff that longer growing sorts would not thrive in.... .10 .30 .75

**HALF-LONG LUC.** A very symmetrical, half-long, stump-rooted variety. Early, very productive, of fine quality ..... .10 .30 .75

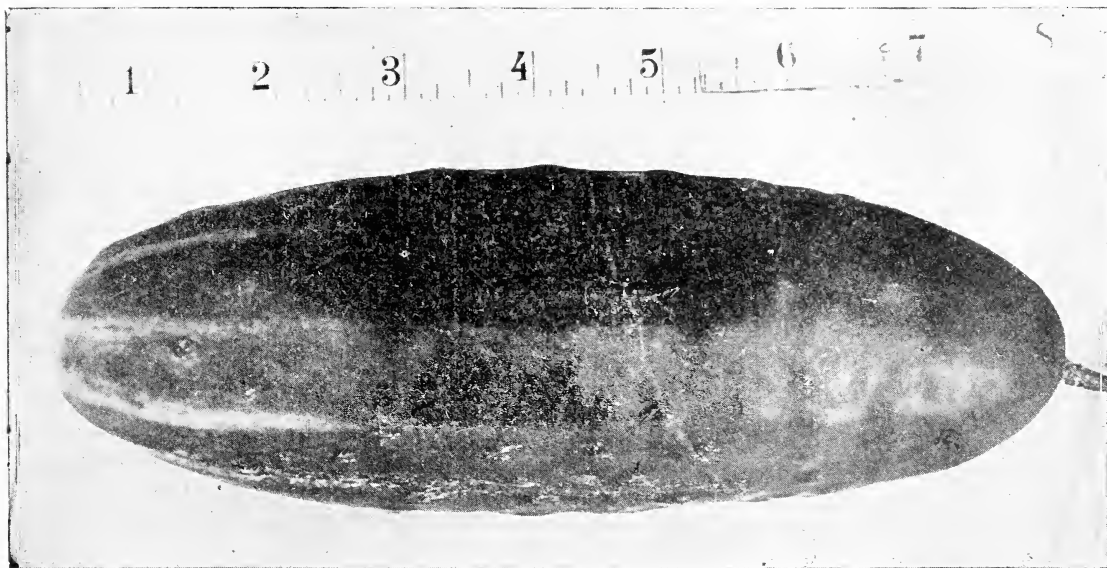
**NEW YORK MARKET.** A fine early variety, good for home use. Eastern market gardeners use this sort for bunching ..... .10 .35 .85

**LARGE WHITE BELGIAN.** A very productive, white-fleshed variety for stock feeding ..... .10 .30 .75

## CUCUMBERS (Gurke, Ger.)

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure. Sprinkle the vines liberally with **Bug Death** to protect from bugs, and when all danger from insects is past, thin out the plants, leaving three to four of the strongest to each hill.

One Ounce of Seed Will Plant About 50 Hills; Two Pounds Will Plant an Acre.



**KLONDIKE.** A selected strain of White Spine. Fruits green, medium thick; holds its color well ..... \$ .10 \$ .35 \$ 1.00

**IMPROVED WHITE SPINE.** Medium size, straight, always fine yielder; light green.. .10 .35 1.00

**EARLY FORTUNE.** A fine new variety of White Spine type; the fruit is of uniform size and shape and is of very firm texture, thus permitting long distance shipping. The skin is dark green ..... .10 .35 1.00

CUCUMBERS—Continued.

JERSEY PICKLE. Sixty days to make pickles. It is productive and is said to "green" better than any other variety .....	.10	.35	1.00
BOSTON PICKLING .....	.10	.35	1.00
IMPROVED LONG GREEN. Vines very vigorous and productive. The fruits are very long; largely used for pickles .....	.10	.35	1.00
DAVIS PERFECT. Fine length, slimness, beautiful dark green color, transparent-like flesh, with deliciously cool, refreshing flavor, and crisp .....	.10	.35	1.00
EARLY RUSSIAN. Maturing to slicing size for table in seven to eight weeks from germination; dark green, and desirable.....	.10	.35	1.00

CHERVIL

A hardy annual, worthy of more general use for flavoring and garnishing. Sow in early spring in rich, well prepared soil, and when plants are well established, transplant to about one foot apart.

CURLED. Greatly superior to the old, plain variety, being earlier, more handsome, and having fully as fine perfume and flavor .....	Pkt.	oz.	¼ lb.
	\$ .05	\$ .15	\$ .50

CRESS (Krese)

Excellent spicy spring salads. Pepper grass should be sown thickly in shallow drills in early spring and at intervals for continued supply, as it soon runs to seed.

EXTRA CURLED, or PEPPER GRASS. Of pleasant, pungent flavor; the leaves can be cut several times .....	Pkt.	oz.	¼ lb.
	\$ .05	\$ .20	\$ .50
WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running stream .....	.10	.35	1.25

SWEET AND MEDICINAL HERBS

DILL. Leaves are used in pickles and for flavoring soups and sauces .....	\$ .05	\$ .20	\$ .50
MARJORAM (Sweet). The leaves and the end of the shoots are used for flavoring in summer and they are also dried for winter use .....	.05	.25	.75
SAGE. Leaves and tops are used for seasoning and stuffing .....	.05	.40	1.50
THYME. Used for seasoning; a tea is also mad for nervous headache .....	.05	.60	2.00
SUMMER SAVORY. The leaves and young shoots are used for flavoring.....	.05	.40	1.50
DANDELION THICK-LEAVED. An early spring salad .....	.10	.75	2.25
HORSE RADISH. This is grown from pieces of roots. Plant in spring, small end down .....			

ENDIVE (Endive, Ger.)

For the first crop, sow in May, and for succession, in June and July. When the plants are two or three inches high, transplant them into light soil, one foot apart. When the leaves are eight to ten inches long, tie the tops together to blanch the heart and remove the bitter taste. Lift late in fall with ball of earth attached and place close together in a frame or cellar. It makes a delicious salad for winter use. One ounce will sow 150 feet of drill.

GREEN MOSS CURLED. A unique variety, somewhat resembling a tuft of moss. Very crisp, tender, and of good flavor. Being less hardy than other sorts, it requires protection from cold .....	oz.	¼ lb	lb.
	\$ .15	\$ .40	\$1.00
MOSS CURLED. This variety has very finely curled leaves. Tender and excellent quality .....	.15	.40	1.00
WHITE CURLED. Has tender, curly leaves of silvery green .....	.15	.40	1.00
BROAD-LEAVED BATAVIAN. Has slightly wrinkled thick leaves. It is usually grown for use in soups and stews .....	.15	.40	1.00

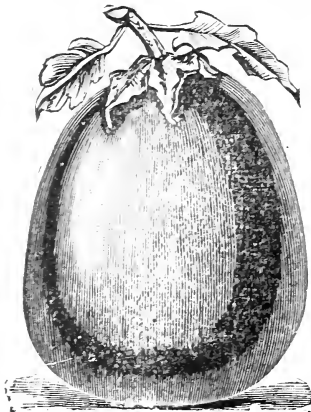
EGG PLANT (Eierpilanze, Ger.)

Sow in hotbed early in spring; transplant 2½ feet apart each way after weather becomes settled and warm. If no hotbed is at hand, plants may be started in pots or boxes.

One Ounce for 1,000 Plants.

NEW YORK IMPROVED PURPLE. This variety is a general favorite both for market and private use. Plants large, spreading, foliage light green; fruit very large, oval; color a splendid dark purple. Plants usually ripen four to eight large fruits .....	oz.	¼ lb	lb.
	\$ .40	\$1.25	\$4.50

BLACK BEAUTY. Fruit broad and thick; lustrous purplish black color; very productive of excellent quality .....	.40	1.25	4.50
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## KALE or BORECOLE

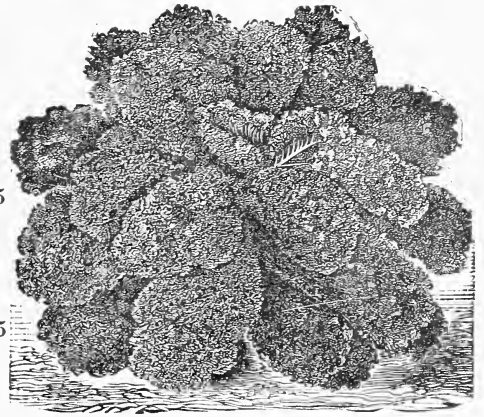
Greens for early fall, winter and spring. Sow seed about middle of June, later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later. Much used by German Americans.

An Ounce of seed will sow about 200 feet of drill.

**DWARF GERMAN GREENS** (Siberian Kale). Generally sown broadcast, oz. ¼ lb. lb.  
but can be sown in drills a foot  
apart in August .....\$ .10 \$ .30 \$ .75

**TALL CURLED GREEN SCOTCH.** Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. .10 .30 .75

**DWARF CURLED GREEN SCOTCH.** Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender and elegantly curled ..... .10 .30 .75



KALE

## KOHLRABI (Kohlrabi, Ger.; Chou-rave, Fr.)

### TURNIP-ROOTED CABBAGE

For early use, sow in hotbed, afterwards setting plants 8 inches apart in rows. For later use, sow in drills and thin out. One ounce of seed will sow a drill of about 200 feet.

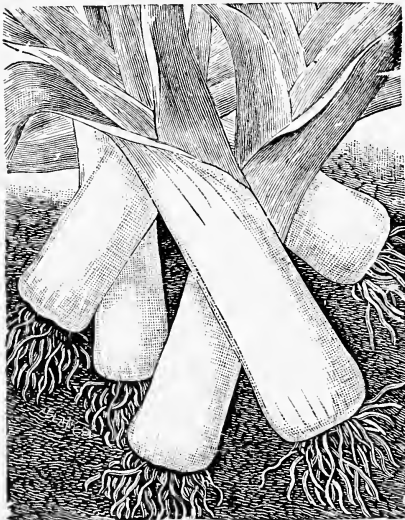
**EARLY WHITE VIENNA.** Early, small, white bulb. Best for table use ..... oz. ¼ lb. lb.  
.....\$ .20 \$ .65 \$2.00

**EARLY PURPLE VIENNA.** A little later than the white; color purple ..... .25 .75 2.25

**LARGE GREEN, or WHITE GOLIATH.** A late, very large-growing sort with immense bulbs, stems and leaves .....\$ .20 \$ .65 \$2.00



## LEEK S (Lauch)



Leek

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter.

An ounce of seed will sow about 100 feet of drill.

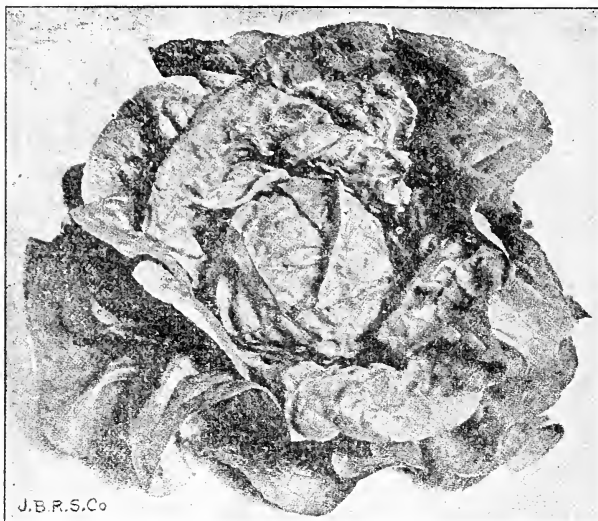
**AMERICAN FLAG.** The variety most extensively cultivated. Stalks early and large ..... oz. ¼ lb. lb.  
.....\$ .20 \$ .60 \$2.00

## LETTUCE (Lattich oder Garten Salat, Ger.)

One Ounce Will Sow 150 Feet of Drill.

**CULTURE**—Sow in hotbeds February or March, and transplant in April. Seed may also be sown in September and wintered in the same manner as Cauliflower. For successive crops, sowing may be made in the open ground as early as the spring opens and continuing until July. Always thin out well or the plant will not be strong.

When wanted as a cut salad, sow the seed thickly in row or broadcast.



Big Boston.

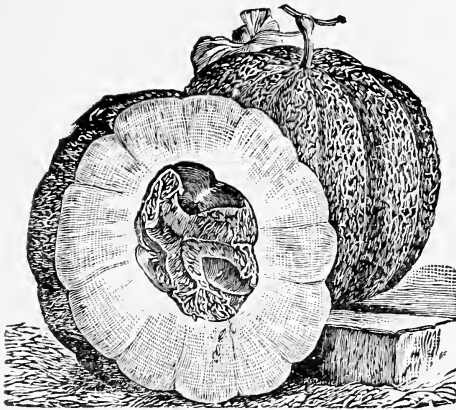
### CURLED VARIETIES

	oz.	¼ lb.	lb.
<b>WHITE-SEEDED SIMPSON.</b> Tender and crisp. Close center .....	.10	.30	.85
<b>BLACK-SEEDED SIMPSON.</b> Grows very rapidly, withstanding heat and drought well, and forming large, bushy stalks.....	.10	.30	.85
<b>GRAND RAPIDS.</b> Superb for forcing. Leaves light green, much crimped and frilled .....	.10	.30	.85
<b>EARLY CURLED SILESIA.</b> A very tender sort, with fine curled leaves .....	.10	.30	.85
<b>PARKER'S GOLDEN CURLED.</b> A golden-leaved sort, producing a half head of rare excellence; leaves much fluted on the edges; very showy and a most admirable cutting sort .....	.15	.50	1.75
<b>BROWN CURLED, or CHARTIER.</b> Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining crisp and tender .....	.15	.50	1.75
<b>ROMAINE, or COS.</b> Considered by many to be the highest type of lettuce; has distinct upright habit; very crisp and sweet.....	.10	.30	.85

### HEADING VARIETIES

<b>ICEBERG.</b> Crisp, solid head .....	.10	.30	.85
<b>PRIZE HEAD.</b> The leaves are very large, crimped, bright green tinged with brownish red and are exceedingly tender, crisp and sweet, forming a large loose head .....	.10	.30	.85
<b>PARKER'S SUPERIOR.</b> Outer leaves, a beautiful medium green; inner leaves form a large, very solid head, of a rich light yellow color, very thick, tender, and buttery .....	.15	.50	1.75
<b>HANSON.</b> Heads large, hearts quickly and stands the summer well; quality excellent .....	.10	.30	.85
<b>BIG BOSTON.</b> The solidity and large size of the heads make this of great value for forcing and general crops .....	.10	.30	.85
<b>MAY KING.</b> A new variety, fine for forcing and out-doors; heads of medium size yellowish-green in color; very early .....	.10	.30	.85
<b>EARLY TENNIS BALL, BLACK SEED.</b> A good lettuce for early use. The heads are small, but are very crisp and solid.....	.10	.30	.85
<b>MAMMOTH SALAMANDER.</b> Immense heads; withstands heat to an unusual degree .....	.10	.30	.85
<b>ROYAL SUMMER CABBAGE.</b> Glossy, deep green leaves, the outer ones slightly spotted or splashed with brown. The inner leaves form a large, very solid head, rich light yellow in color, very thick, tender and buttery .....	.10	.30	.85
<b>MAMMOTH BLACK SEEDED BUTTER.</b> Solid Butter Head .....	.10	.30	.85

## MUSKMELON (Cantaloup, Ger.)



Prepare hills 4 to 6 feet apart in a rich, moderately dry sandy soil, thoroughly mixing therewith well-rotted manure. Early in May, or when ground has become warm, plant 10 to 12 seeds one inch deep in each hill, afterwards thinning out so that 3 or 4 plants remain. Pinch the vines when blossoming begins to promote fruitfulness, and cultivate till the vines cover the ground.

One ounce of seed for 60 hills; 2 to 3 pounds per acre in hills.

**NETTED GEM.** The best early melon known. Shipped to every market of note, in great quantities, every year. Medium size, but of excellent flavor

	oz.	¼ lb.	lb.
.....	\$ .10	\$ .35	\$ 1.00

**ROCKYFORD.** Oval-shaped; small and uniform; thick-meated; flesh light green in color and of uniformly fine lucious flavor; skin ribbed and thickly netted; prolific

.....	.10	.35	1.00
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**TIP-TOP.** Yellow-fleshed, sweet, juicy and of finest flavor

.....	.10	.35	1.00
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**EXTRA-EARLY HACKENSACK.** Of good size, weighing from 5 to 10 pounds each

.....	.10	.35	1.00
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**HACKENSACK, or TURK'S CAP.** Very large, green-fleshed melon. Vines hardy, vigorous and productive. Fruits nearly round, usually somewhat flattened; ribs large

.....	.10	.35	1.00
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**MONTREAL MARKET.** Large, green-fleshed Nutmeg variety, of very fine quality. Fine market sort

.....	.10	.35	1.00
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**EXTRA EARLY CITRON.** A small, round melon, valuable on account of its extreme earliness, hardness and great productiveness

.....	.10	.35	1.00
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**OSAGE.** Fresh thick; seed-cavity small; flesh rich salmon, fine-grained, sugary and melting

.....	.10	.35	1.00
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## WATERMELONS (Wassermelonen, Ger.)

Secure good, strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection should be given the young plants, and, as a protection from insects, use dry ashes or coal-dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill.

An ounce of seed will plant about 50 hills.

**KLECKLEY SWEETS.** There is no Melon superior in quality to Kleckley Sweets, the bright scarlet flesh is the ideal Watermelon quality

	oz.	¼ lb.	lb.
.....	\$ .10	\$ .25	\$ .75

**KOLBS GEM.** Striped oblong; flesh, deep scarlet; quality of the best

.....	.10	.25	.75
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**ICING, DARK.** A very solid dark colored shipping sort

.....	.10	.25	.75
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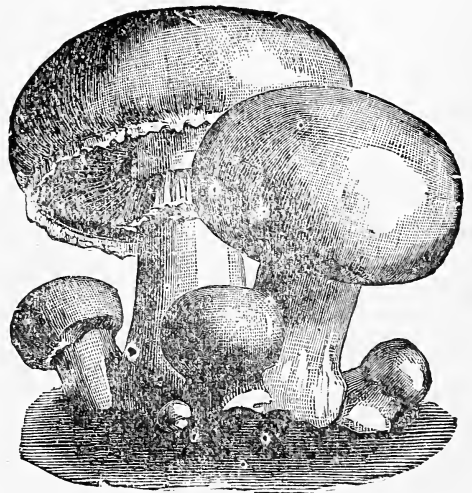
**CITRON (For Preserves).** Used only for preserves or pickles. Color, dark green; flesh white and solid but not at all suitable for eating raw

.....	.10	.25	.75
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## MUSHROOM SPAWN

**CULTURE**—Mushrooms may be grown in cellars, under benches or greenhouses, or sheds, wherever the temperature of 50 degrees can be kept up during the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed the required size. Three or four feet wide, 8 inches deep and any length desired, are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding each with the back of the spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with compost, and at the expiration of a week or ten days, the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to a depth of 2 inches, and cover with 3 or 4 inches of hay or straw litter. Examine the bed often to see that it does not get dry. Take special care however when water is given that it be at a temperature of 100 degrees.

**STANDARD BRICKS** ..... Per brick, 25 cts.

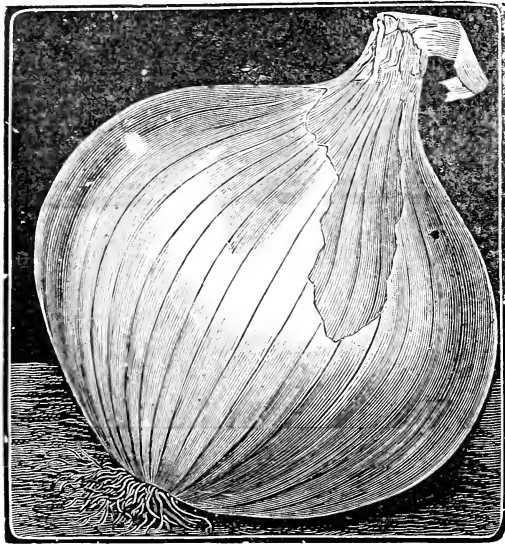


MUSTARD

CULTURE—Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Sow as early in the spring as the ground will permit, in drills about 18 inches apart, covering one-half inch deep. For succession, sow every few weeks till autumn. Water freely. In the South the seed may be sown in autumn and the plants used early in the spring as a salad and for greens.

WHITE ENGLISH. Leaves, when young, are mild and tender. Seed light yellow and larger than that of other varieties.....	oz.	¼ lb.	lb.
	\$0.10	\$0.25	\$0.75
SOUTHERN GIANT CURLED. The true curled leaf variety, sweet flavor, pungent and succulent; used for early salads .....	.10	.25	.75
BROAD LEAF. An excellent sort with very large light green, plain or comparatively smooth leaves, borne well above the ground .....	.10	.25	.75

ONION SEED AND ONION SETS (Zwiebel, Ger.)



GOOD ONION SEED IS OF THE GREATEST IMPORTANCE

The Onion is most successfully grown in a rich, sandy loam; continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise.

As early as the ground can be worked in the spring, sow the seed in drills 14 inches apart, covering half an inch. When the plants first appear in the rows, commence hoeing, just skimming the surface. Subsequently, weed thoroughly and carefully by hand. When the tops die, pull the onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off one-half inch from the bulb. Winter in a frost-proof place.

One ounce for 200 feet of drill; 4 to 5 pounds for an acre.

PRIZETAKER. Very large, mild-flavored onion, sometimes called "Mammoth Spanish." Attains its largest size when started in hotbeds and transplanted. It is quite globular in form with a light yellow skin, and in quality almost equal to the imported onions. A favorite variety to grow for exhibition purposes....	oz.	¼ lb.	lb.
	\$.20	\$.65	\$2.00

WHITE PORTUGAL, or SILVERSKIN. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender, white flesh. Are mild flavored and excellent for family use and for pickling.....	.25	.75	2.50
SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulb grows quite rapidly, and if the seed is sown early good-sized bulbs, suitable for using in a green state, are soon formed. They are mild-flavored and keep well .....	.25	.75	2.50
RED WETHERSFIELD. Bulbs deep purplish red flat, strong-flavored and grow to a large size .....	.20	.65	2.00
EXTRA-EARLY RED FLAT. An extra-early Onion. An abundant yielder, good keeper and of mild flavor .....	.20	.65	2.00
YELLOW GLOBE DANVERS. One of the most extensively used yellow Onions. Bulbs of medium size, uniformly globe-shaped, with small neck, and ripen very evenly. Fresh white, crisp and mild.....	.20	.65	2.00
FLAT YELLOW DANVERS. Grows to good size, ripens early; mild in flavor and keeps well .....	.20	.65	2.00
SOUTHPORT YELLOW GLOBE. Similar to White Globe, save that the large Onions are light straw-color .....	.20	.65	2.00
YELLOW DUTCH, or STRASBURG. Large; yellow, mild flavor. One of the best keepers .....	.20	.65	2.00

ONION SETS

WHITE BOTTOMS. Our sets of these are very choice, small, dry and unsprouted Price on Application

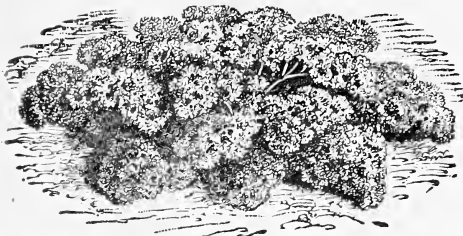
YELLOW BOTTOMS. Fine dry sets, medium in size and unsprouted ..... " " "

OKRA

The tender young pods are used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

	Pkt.	oz.	¼ lb.
LONG-POD. Productive; pods very long and slender; deep green .....	\$ .05	\$ .10	\$ .25



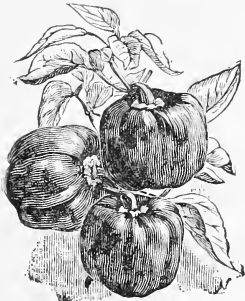
**PARSLEY (Pertersilie, Ger.)**

One ounce will Sow about 150 ft. of drill.

Soak the seeds a few hours in lukewarm water and sow early in spring, in drills one foot apart. Thin out the plants to four inches. To preserve in winter, transplant to a light cellar or glass frame. Used for garnishing and seasoning soups, meats, etc.



	oz.	¼ lb.	lb.
<b>PLAIN LEAVED.</b> Best for flavoring; very hardy.....	\$0.10	\$0.25	\$ .75
<b>DOUBLE CURLED.</b> The standard sort for outdoor culture; also highly prized by market gardeners for the greenhouse.....	.10	.25	.75
<b>HAMBURG ROOTED.</b> The standard rooted sort. The leaves are used for soup, greens, and the roots when sliced, are much esteemed .....	.10	.35	.75

**PEPPER (Pfeffer, Ger.)**

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for the purpose, and for pickling. The mild, sweet varieties, like **Bull Nose** and **Ruby King**, are used for mangoes, while the small fruited sorts are best for sauce.

Peppers are more tender than most vegetables. The seed should be sown in a hotbed, cold-frame, or if no other convenience, a box in the window, and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized, should be used.

One ounce of seed for 1,500 plants.

	oz.	¼ lb.	lb.
<b>LARGE BELL, or BULL NOSE.</b> Widely grown, standard old variety, with very large, thick pods .....	.40	1.50	5.00
<b>CHINESE GIANT.</b> Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild .....	.40	1.50	5.00
<b>SWEET MOUNTAIN.</b> Enormous mild-flavored pods, used for mango-making and mixing with salads.....	.40	1.50	5.00
<b>Bull Nose Pepper</b>			
<b>RUBY KING.</b> A large red variety, resembling Bul Nose .....	.40	1.50	5.00
<b>ROYAL KING.</b> Similar to Ruby King except much thicker fleshed.....	.40	1.50	5.00
<b>PERFECTION.</b> An improved Pimento .....	.40	1.50	5.00
<b>RUBY GIANT.</b> Similar to Ruby King, but smaller .....	.40	1.50	5.00
<b>LONG RED CAYENNE.</b> Pods long, slender, bright red, very hot.....	.40	1.50	5.00
<b>RED CHILI.</b> A late variety. Pods bright, rich red, about 2 inches long, exceedingly pungent when ripe .....	.40	1.50	5.00
<b>DWARF EARLY RED SQUASH.</b> Thick-fleshed; mild flavor .....	.40	1.50	5.00

**PARSNIPS**

**CULTURE**—Sow the seed in drills 15 inches apart, as early as possible in the spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are much improved by frost; to be dug up as required. On the approach of cold weather, cover them heavily with manure or litter.

An ounce of seed will sow 100 feet of drill;

5 pounds will sow an acre.

	oz.	¼ lb.	lb.
<b>IMPROVED HOLLOW CROWN.</b> Tender and sweet; always good and in demand .....	\$0.10	\$0.30	\$0.75
<b>WHITE LISBON.</b> An excellent strain of the Hollow Crown. Of good shape, smooth and white-skinned; of excellent quality .....	.10	.30	.75

**Salsify, or Oyster Plant**

Though not as generally grown as it should be this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both Carrots and Parsnips. It acquires a decided oyster flavor after a good frosting.

**MAMMOTH SANDWICH ISLAND.**

This variety is much more uniform in growth than the old standard "Long White Variety"; it is twice the size and weight; the roots are of superior quality and most delicate flavor, especially after being touched with frost .....

oz. ¼ lb. lb.

\$0.20 \$0.75 \$2.50

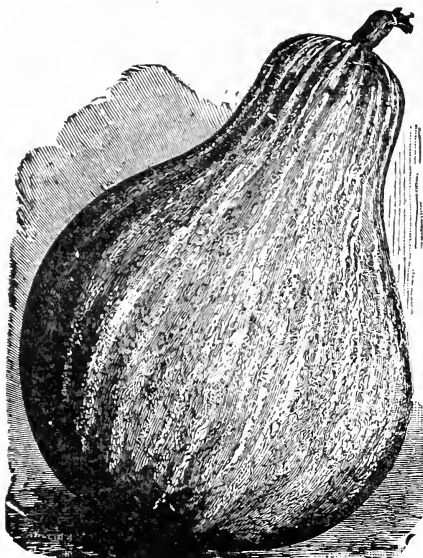


## PUMPKIN (Kuebbis, Ger.)

The seeds are planted with corn or potatoes, but may be profitably raised in fields by themselves. Sow early in May in hills eight feet apart. For monster pumpkins for exhibition purposes plant **Mammoth King** in very rich ground and feed liberally with liquid manure.

Plant 1 oz. to 25 hills, 4 pounds to the acre alone, or 2 pounds with corn.

	oz.	¼ lb.	lb.
<b>SWEET POTATO.</b> Medium sized, pear-shaped; good for pies, etc. Flesh creamy white .....	\$0.10	\$ .35	\$1.25
<b>SMALL SUGAR.</b> An excellent variety for pies. Nearly round, 10 to 12 inches in diameter; rich orange color. Flesh thick, fine grained, and very sweet .....	.10	.25	.75
<b>CUSHAW, GREEN STRIPED.</b> Large crookneck Pumpkin. Cream colored, striped with green. Very popular ...	.10	.35	1.25
<b>LARGE CHEESE.</b> A large buff-colored variety of distinct shape, used extensively for canning .....	.10	.25	.75
<b>KING OF MAMMOTHS, or YELLOW MONSTER, 110 Days.</b> A yellow sort, weight 100 to 150 pounds. Very popular for exhibition purposes .....	.15	.50	1.50
<b>CONNECTICUT FIELD.</b> The common field .....	.10	.25	.75



Sweet or Sugar Pumpkin.

## RADISH (Rettig, Ger.)

For an early supply, sow in a hotbed in February, care being taken to give abundant ventilation to prevent running to leaves. For open air culture and succession, sow from middle of March until September at intervals of a week or ten days. The growth must be rapid to insure crispness, succulence, and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

One Ounce to 75 feet of drill; 9 or 10 pounds per acre.

### GLOBE AND TURNIP-SHAPE VARIETIES

	oz.	¼ lb.	lb.
<b>CRIMSON GIANT FORCING.</b> Attains more than double size of the other forcing Radishes without getting pithy. Flesh firm and crisp; mildest flavor.....	\$0.10	\$0.35	\$1.00
<b>EARLY SCARLET TURNIP.</b> An old, well-known variety; bright scarlet, solid white flesh, excellent eating .....	.10	.35	1.00
<b>NON PLUS ULTRA, or FIREBALL.</b> The earliest forcing Radish in cultivation. A pretty little round Radish; deep rich scarlet in color; tops very small .....	.10	.35	1.00
<b>SCARLET GLOBE.</b> This splendid globe Radish is the very finest early strain of the round, bright red Radishes .....	.10	.35	1.00
<b>WHITE TIPPED SCARLET TURNIP.</b> This Radish is turnip-shaped, bright scarlet color, with a white tip; very handsome .....	.10	.35	1.00
<b>WHITE BOX.</b> Turnip-shaped, pure white Radish; early; fine for forcing and outdoors .....	.10	.35	1.00
<b>FRENCH BREAKFAST.</b> Olive-shaped; red tipped with white; very handsome.....	.10	.35	1.00
<b>GOLDEN GLOBE.</b> Amber-color; sweet and crisp; stands heats and drought.....	.10	.35	1.00

### HALF LONG AND LONG VARIETIES

<b>ICICLE.</b> The finest long white variety extant; flesh semi-transparent, crisp, mild, excellent for forcing and early outdoor crop .....	.10	.35	1.00
<b>WHITE CHARTIERS.</b> Snow-white; crisp and of rapid growth .....	.10	.35	1.00
<b>LONG WHITE VIENNA, or LADY FINGER.</b> A very excellent white variety with long, very smooth white roots .....	.10	.35	1.00
<b>WHITE STRASBURG.</b> Half-long and thick; skin and flesh pure white .....	.10	.35	1.00
<b>GIANT STUTTGART.</b> Very large; globular in shape; pure white; stands heat well .....	.10	.35	1.00
<b>LONG SCARLET SHORT TOP.</b> A well-known variety and extensively planted. Roots 6 inches in length, about one-third of which grows above the ground. Color, bright red .....	.10	.35	1.00
<b>CINCINNATI MARKET.</b> Scarlet; small top; very early and probably the best long red variety for forcing .....	.10	.35	1.00





## Radishes—Continued

**IMPROVED CHARTIER.** The finest variety in existence, early as Long Scarlet Short-Top, but better in quality; will stand far longer, and it is in all respects superior to any other Radish in cultivation. . . . . .10 .35 1.00

## WINTER RADISHES

**ROUND BLACK SPANISH.** Globe-shaped; white fleshed; piquant flavor . . . . . \$ .10 \$ .35 \$1.00  
**LARGE WHITE SPANISH.** Roots 6 inches long and 2½ inches in diameter; white skin and flesh. Does equally well in summer as in winter . . . . . .10 .35 1.00  
**CELESTIAL, or WHITE CHINESE.** Attains a length of 12 inches and a diameter of 4 to 5 inches. Flesh crisp, mild and sweet in flavor . . . . . .10 .35 1.00  
**CHINESE ROSE.** Half-long; flesh pink, solid, of excellent quality . . . . . .10 .35 1.00

## RHUBARB, OR PIE PLANT

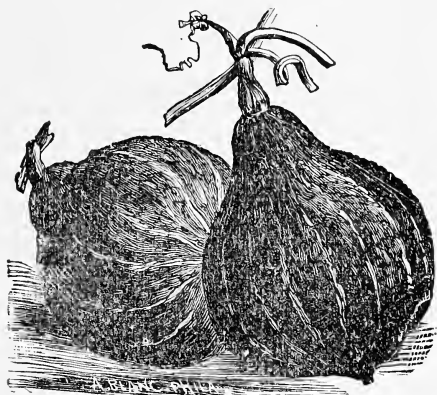
**RHUBARB ROOTS—EARLY STRAWBERRY AND VICTORIA.** Each, per large root . . . . . Price on Application

## SPINACH

**CULTURE—**For early use, sow very early in spring, and for succession, at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. **An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.**

**LONG-STANDING THICK-LEAVED.** Has large thick, fleshy, crimped leaves oz. ¼ lb. lb.  
of the Savoy style. Tender and of good flavor . . . . . \$ .10 \$ .15 \$ .25  
**NEW ZEALAND.** Grows well during hot summer weather, and is of good flavor. .10 .30 .50  
**VICTORIA.** Foliage thick, broad, dark green; remains in prime condition two or three weeks after other sorts have run to seed . . . . . .10 .15 .25  
**SAVOY LEAVED.** Also known as Bloomsdale. A very early variety and one of the best to plant in autumn for early spring use . . . . . .10 .15 .25  
**PRICKLY SEEDED WINTER** . . . . . .10 .15 .25

## SQUASH (Speise Kurbis, Ger.)



**CULTURE—**Plant when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may mature. Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a hill. If the young plants are dusted two or three times with **Bug Death** before the bugs come, the insects will not be likely to attack them.

One ounce of seed for 50 hills 3 to 4 pounds per acre.

**THE DELICIOUS.** The squashes weighing from five to ten pounds, vary both in color and form, but are uniformly delicious in flavor and splendid winter keepers . . . . . \$ .15 \$ .40 \$1.25

**ESSEX HYBRID.** Very prolific, fine-grained, orange-red flesh. . . . . .15 .40 1.25

**HUBBARD.** A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping. . . . . .15 .40 1.25

**GOLDEN HUBBARD.** Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color . . . . . .15 .40 1.25

**EARLY WHITE BUSH SCALLOP.** The well known, very early, somewhat flattened scalloped Bush Squash of medium size. Color creamy white . . . . . .15 .40 1.25

**TURBAN.** Hard-shelled. Flesh orange, thick, fine-grained, fine quality . . . . . .15 .40 1.25

**FORDHOOK.** Maturing early, it is a sure cropper and immensely productive.

Skin thin and meat thick; seed cavity small. May be used at any stage of growth .15 .40 1.25

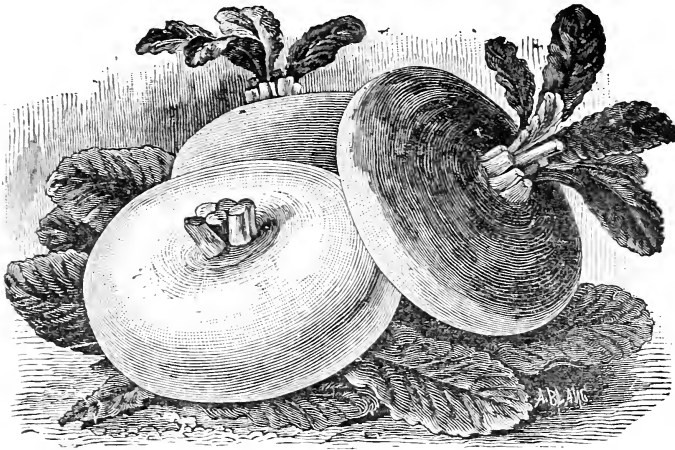
**SUMMER CROOK-NECK.** Good for summer or winter . . . . . .15 .40 1.25

**COCOZELLE (Italian Vegetable Marrow).** Fruit about 6 to 8 inches long, dark green, yellow, lighter green stripes. Bush form . . . . . .15 .50 1.75

## TOBACCO

**CULTURE—**The seed should be sown as early as possible after danger of frost is over. It is customary to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed; then dig and pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows four or five feet apart each way. Cultivate thoroughly with plow and hoe.

**CONNECTICUT SEED LEAF.** A hardy cigar variety, well adapted to growing in the Middle and Northern States . . . . . Pkt. oz. ¼ lb. \$ .10 \$ .40  
**HAVANA.** Leaf very thin, fine texture. Much used for cigar wrappers . . . . . .10 .40



TURNIPS

CULTURE—For early, sow as soon as the ground can be prepared, in drills 15

inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants.

An ounce of seed will sow 150 feet of drill; 2 pounds will sow an acre.

	oz.	¼ lb.	lb.
LARGE EARLY RED-TOP GLOBE. Remarkable for its heavy yield per acre....	\$ .10	\$ .30	\$ .75
PURPLE-TOP STRAP-LEAF. Grown largely for fall and winter crops .....	.10	.30	.75
WHITE EGG. Quick growing, globe shaped, perfectly smooth, pure white variety the sweet, firm flesh is always mild, rich and of fine flavor .....	.10	.35	1.00
GOLDEN BALL. Yellow-fleshed, sweet and of fine flavor .....	.10	.35	1.00
COW HORN, or LONG WHITE. Grows nearly half way out of the ground; carrot shape; usually slightly bent; pure white; has slight green tinge on top.....	.10	.30	.90
WHITE MILAN. Fine flavored .....	.15	.45	1.50

RUTABAGAS, or SWEDES

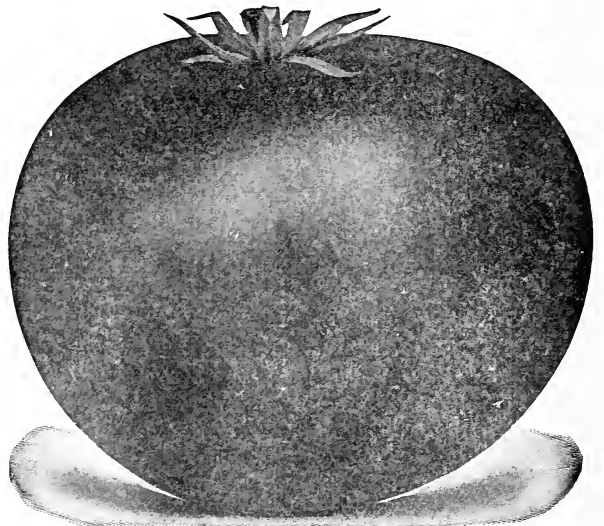
These are grown chiefly for stock, but are excellent for cooking in spring.

	oz.	¼ lb.	lb.
AMERICAN PURPLE TOP. Large, firm yellow roots; are hardy and well flavored. .	\$0.10	\$0.30	\$0.75
SWEET GERMAN. Large, white; fine quality .....	.10	.30	.75

TOMATO

One ounce of Seed Will Produce About 2,000 Plants; ¼ Pound to the Acre.

CULTURE—Tomatoes do best on light, warm, not over rich soil and success depends largely upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from six to eight weeks before they can be set out of doors, which is when danger from frost is past; when the plants have four leaves, transplant into shallow boxes or cold frames, setting them four or five inches apart; give plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Even a slight check while the plants are small will materially diminish their productiveness. Set out of doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color. Transplant carefully and cultivate well as long as the vines will permit.



S. & P. CO. SELECTED STOCK  
EXTRA EARLY DWARF SORTS  
DWARF CHAMPION. Plants compact, stocky and upright; fruit ripens early and the plants yield enormously. The fruit is always smooth and handsome, ripening close to the core, and never cracking, resembles Acme.

½ oz. \$0.20; oz. \$0.35; ¼ lb. \$1.25; 1 lb. \$4.00				
ACME, Improved Strain. Ripens early; of medium, uniform size; glossy red with purplish tinge; round and smooth, free from cracks. An excellent Tomato for market gardeners' use, as it ships well .....	½ oz.	oz.	¼ lb.	lb.
	\$0.20	\$0.35	\$1.25	\$4.00
DWARF STONE. Fruit red, large, early; smooth and very productive .....	.20	.35	1.25	4.00

## TOMATOES—Continued

### EARLY LARGE SORTS

	½ oz.	oz.	¼ lb.	lb.
<b>EARLIANA.</b> "Scarlet." Ready for the market several days ahead of any other variety. Ripens uniformly and is a good yielder .....	\$ .20	\$ .35	\$ 1.25	\$ 4.00
<b>JUNE PINK.</b> "Pink." The earliest of the pink Tomatoes and one of the very best for family garden. The skin is thin, very smooth; flesh solid, of excellent quality and flavor .....	.20	.35	1.25	4.00
<b>BONNY BEST.</b> "Intense scarlet." Nearly as early as Earliana; and ripening even up to the stems; round and slightly flattened at the stems .....	.20	.35	1.25	4.00
<b>BEAUTY.</b> "Glossy crimson"; large, smooth, solid, never cracking; holds its size well .....	.20	.35	1.25	4.00
<b>EARLY DETROIT.</b> "Purplish pink." A large and early Tomato. Fruits smooth, uniform and nearly globe-shaped. Quality excellent .....	.20	.35	1.25	4.00
<b>CHALK'S EARLY JEWEL.</b> "Deep scarlet." An early Tomato, vigorous and productive. Fruit of good size and fine quality .....	.20	.35	1.25	4.00
<b>JOHN BAER.</b> "Red." The fruits are large, nearly round, smooth and of good quality. It is a good variety for market gardeners and for shippers ....	.25	.40	1.50	5.00
<b>GREATER BALTIMORE.</b> "Bright red." A mid-season red variety. very heavy, due to its extreme firmness and very thick meat .....	.20	.35	1.25	4.00
<b>GLOBE.</b> "Glossy rose." A beautiful globe-shaped variety. Large size, smooth, firm fleshed, few seeds .....	.20	.35	1.25	4.50
<b>MAGNUS.</b> "Purple." A medium early, large fruited, variety fruit globe-shaped, large, smooth and of fine quality .....	.20	.35	1.25	4.00

### LATE SORTS

<b>THE STONE.</b> "Bright scarlet." Large, smooth fruits, solid and meaty....	.20	.35	1.25	4.00
<b>NEW RED ROCK TOMATO.</b> "Red color." One of the finest, large, solid, smooth Tomatoes. A heavy producer—late.....	.20	.35	1.25	4.00
<b>MATCHLESS.</b> "Cardinal red." A fine, smooth main crop Tomato, with solid flesh of finest quality .....	.20	.35	1.25	4.00
<b>BEEFSTEAK.</b> "Red." Bears continuously and late. Extremely large and smooth; solid as a beefsteak; nearly seedless .....	.20	.40	1.50	5.00
<b>PONDEROSA.</b> "Purple." Enormous and of fine quality, but not always smooth and does not ripen evenly .....	.20	.40	1.50	5.00
<b>GOLDEN PONDEROSA.</b> A beautiful new yellow tomato for the home garden. Nearly as large as the purple Ponderosa, smoother and equally as meaty .....	.20	.40	1.50	5.00
<b>TRUCKER'S FAVORITE.</b> Purple. Grows to uniformly large size which is maintained until late Fall. Fruits are invariably smooth .....	.20	.35	1.25	4.00

### SMALL FRUITED SORTS

<b>YELLOW PLUM.</b> Fruits about 2 inches long, 1 inch through .....	.20	.40	1.50	....
<b>RED CHERRY.</b> Little Fruits, bright scarlet.....	.20	.40	1.50	....

## SWEET PEAS

(*Lothryus Odoratus*). No garden is too small for a row of Sweet Peas and no estate, however extensive or magnificent, should fail to include many varieties of this most popular flower. Its long blooming season usually extends from early summer until very hot dry weather, and no other climber equals it for cutting, either for use in bouquets or for table decoration.

Sow in permanent location, in single row, two seeds to the inch, half ounce of seeds to every yard of row; cover one inch deep.

### SWEET PEA CULTURE CONDENSED

Trench deeply; manure liberally; plant thinly; stake quickly; water freely; dispoed promptly.

<b>ECKFORD'S CHOICE MIXED.</b> This mixture has been carefully grown from selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Many of the most pleasing and brilliant colors are included.....	oz.	¼ lb.	lb.
	\$ .10	\$ .35	\$ 1.00
<b>GRANDIFLORA.</b> Mixed .....	.15	.40	1.00
<b>SPENCER.</b> Mixed .....	.20	.50	1.50

## NASTURTIUM

One Ounce of Seed Sows 30 Feet of Single Row.

It is doubtful if among the plants classed as Annuals there is any other of the summer blooming varieties which combines in so great degree ease of culture, beautiful flowers of showy colors, profusion of bloom from early summer until killed by frost, and general excellence as Nasturtium. More and larger flowers are produced on thin soils. Hot weather has no injurious effect.

<b>TALL or CLIMBING NASTURTIUMS.</b> Mixed. A combination of many tall varieties .....	oz.	¼ lb.	lb.
	\$ .10	\$ .35	\$ 1.00
<b>DWARF or TOM THUMB NASTURTIUMS.</b> A mixture of the best dwarf sorts, producing when in bloom an agreeable effect; in colors of scarlet, crimson, bronze, gold and white .....	.10	.35	1.00



## HIGHEST QUALITY FLOWER SEED



### NOTES ON RAISING FLOWERS FROM SEEDS.

The first and most essential requisite is Reliable Seeds. Next, a suitable soil. That best suited for flower culture is a rich loam containing enough sand to make it porous. A large portion of the summer flowers are Annuals. As they do not take kindly to transplanting, it is best to sow seed where the plants are to bloom. Sow in dry soil previously fertilized by bone meal, sheep manure, or similar stimulants. Make a broad but shallow depression in which sow the seeds as thinly and evenly as possible and cover in proportion to the size of the seeds. Very small seeds should not be covered. Press them into the soil with a flat board.

Varieties not named in this list are carried by us, and can be had on application.

**ALYSSUM MARTIMUM** (Sweet Alyssum). Small white, honey-scented flowers . . . . . Pkt. ¼ oz. oz.  
\$ .05 \$ .10 \$ .25

**ASTERS, QUEEN OF THE MARKET.** One of the most popular varieties, being extra early. Flowers of good size and substance, and borne on long stems . . . . . .05 .25 .75

**ASTERS, COMET.** The plant is of sturdy growth, attaining a height of 2 feet and over. Flowers fluffy and graceful, 4 to 5 inches in diameter. August and September.. .05 .25 .75

**AMARANTHUS.** Tender, decorative annuals, useful for border plants. Fine mixed. (Joseph's Coat), (Love-Lies-Bleeding) and others . . . . . .05 .10 .25

**ANTIRRHINUM—Snap Dragon.** ½ to 3 ft. Dark glossy leaves and curious shaped, showy colored flowers with spotted throats. Snap Dragons blossom the first year if seed is sown early. Tall Sorts Mixed . . . . . .05 .15 .50

**AQUILEGIA—Columbine.** General favorites for borders and they will also do well under the shade of trees. They are among the earliest-flowering perennials and are very easily grown . . . . . .10 .40 1.25

**BALSAM** (Lady Slipper). Give brilliant masses of beautiful flowers for little care. Plants about 2 ft. in height; transplanting dwarfs them and renders the flowers more double. Double Balsam, Mixed . . . . . .05 .15 .50

**CANDYTUFT.** A dwarf annual of easiest culture; free-blooming, showy, and useful for beds, borders and edgings. Fine Mixed . . . . . .05 .10 .30

**CARNATION** (*Dianthus Caryophyllus*). These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Fine Double Mixed. Many colors . . . . . .10 .40 1.25

**COCKSCOMB.** Handsome and distinct; the comb-like heads may be grown to a large size and make fine decorative plants and unique beds. Enormous crimson heads; dark foliage . . . . . .10 .30 1.00

**CALLIOPSIS.** Showy, beautiful, free-blooming plants, producing large, bright flowers of rich and charming colors throughout the entire summer . . . . . .05 .10 .25

**CENTAUREA CYANUS** (Bachelor's button). Known as Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty.. .05 .15 .35

**COSMOS.** A hardy annual having strong stems from four to six feet high with delicate, feathery foliage and pretty flowers of shades of rose, red, pink, yellow, and also pure white. Early Flowering Cosmos, mixed . . . . . .05 .15 .50

**COSMOS—Mammoth Mixed.** Very fine large-flowered variety . . . . . .05 .15 .50

**CHRYSANthemUMS.** Double mixed. Annual varieties . . . . . .05 .15 .40

**CANNA—Indian Shot.** Indispensable in the garden for flowering and foliage effects. Seeds should be soaked 12 to 24 hours in warm water before sowing... .05 .15 .35

**DIANTHUS—Japanese Pinks.** Finest mixed. A beautiful class of sturdy-growing plants 10 to 12 inches high . . . . . .05 .20 .50

**GAILLARDIA** (Blanket Flower). If started early, will bloom until frost. Excellent for borders, for bedding, and for cut flowers. Give them a light soil and a sunny location. Mixed colors. . . . . .05 .20 .50

**GOURDS, DISH CLOTH.** When shell and seeds are removed, makes an excellent sponge . . . . . .05 .10 .20

**GOURDS, SIPHON or DIPPER.** Useful for dippers . . . . . .05 .10 .20

**HOLLYHOCK.** Hollyhocks make a fine row in a garden, a fine background next to a building, or high wall or fence. The double varieties are most desirable. Double, in fine varieties . . . . . .10 .35 1.00

**HIBISCUS** (*Africanus*). Sturdy perennials growing four feet high. Desirable for shrubbery borders. Blooms first year if sown early . . . . . .05 .10 .25

**HELIANTHUS—Sunflowers.** New Red. Plant 5 to 7 feet high; well branched. Flowers vary from 4 to 7 inches in diameter . . . . . .05 .20 .50

## Flower Seeds—Continued

	Pkt.	¼ oz.	oz.
<b>HELIANTHUS</b> (Sunflower.) <i>Cucumerifolius</i> (Miniature.) Very nice plants; bushy in habit, and producing many flowers during a long period; very fine for cutting .....	.05	.20	.50
<b>KOCHIA</b> <i>Tricophylla</i> (Burning Bush, Summer Cypress). A very handsome, symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall.....	.05	.15	.35
<b>LARKSPURS</b> ( <i>Delphinium</i> ) Dwarf Double Rocket. These are among the first to flower. Their flowers are very bright, mainly shades of blue, purple, rose, violet and white .....	.05	.15	.40
<b>MORNING GLORY.</b> Single Imperial. Fine mixed .....	.05	....	.10
<b>JAPANESE MORNING GLORY.</b> These are wonderful in the colorings and markings of the flowers as well as for the variety of form and variegation of foliage .....	.05	.10	.20
<b>MOONFLOWER</b> ( <i>Mexican Grandiflora Alba</i> ). Very large, pure white flowers, opening in the evening and on dark, cloudy days .....	.05	.15	.50
<b>MARIGOLD</b> (Tall Double Mixed). Bloom continuously all summer. They succeed best in a light soil exposed to the sun.....	.05	.15	.50
<b>MYOSOTIS</b> , (Forget-Me-Not). One-half to one foot. They are considered among the best spring flowers and grouped with Pansies and Daisies the most lovely combinations may be obtained .....	\$ .10	\$ .25	\$ .85
<b>MIGNONETTE</b> , Sweet-Scented ( <i>Odorata</i> ). The old Mignonette; very sweet-scented .....	.05	.15	.40
<b>MIRABILIS</b> , (Four O'Clock Marvel of Peru). Showy, fragrant flowers which open in the afternoon. Thrive anywhere; blooms entire season .....	.05	.15	.40
<b>NICOTIANA TOBACCO PLANT</b> ( <i>Sanderae Hybrids</i> ). The result of much patience in crossing and selection. Flowers are large as the type and colors are all fine .....	.05	.25	.75
<b>PANSIES</b> ( <i>Cassier</i> , 3 and 5 Spotted). Large, round flowers; colors rich and varied. ....	.15	.50	1.75
<b>SCOBIE &amp; PARKER CO.'S GIANT PANSY MIXTURE.</b> This is the highest grade mixture of the choicest giant-flowered strains obtainable .....	.10	.40	1.50
<b>PANSIES, JOHNSON'S GIANT.</b> Large, superb flowers, with broad blotches....	.25	1.50	5.00
<b>POPPIES</b> , Tulip ( <i>Glaucum</i> ). Dazzling scarlet; cup-and-saucer form. Different from all other Poppies and of unique interest in form and color .....	.10	.40	.75
<b>POPPIES</b> , Oriental. Gigantic dark scarlet flowers .....	.10	.40	.75
<b>PETUNIA.</b> Finest mixed .....	.05	.25	.75
<b>PETUNIA.</b> Inimitable. Finest striped and blotched .....	.05	.25	.75
<b>PHLOX DRUMMONDI.</b> A great improvement on the old tall varieties, having large, round florets with distinct eyes; are very fine bedders .....	.10	.35	1.00
<b>HARDY PHLOX</b> ( <i>Decussata</i> ). They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Should be sown in autumn .....	.10	.50	1.50
<b>PORTULACA.</b> Large flowering. Double best mixture .....	.10	.50	1.50
<b>PORTULACA...</b> Good mixture of single varieties. Large flowering .....	.05	.25	.75
<b>RICINUS</b> ( <i>CASTOR BEAN</i> ). Decorative plants with palm-like foliage and showy fruits .....	.05	.10	.15
<b>SAVIA SPLENDENS</b> (Scarlet Sage). Tall variety. Very rich and free .....	.10	.40	1.50
<b>SWEET WILLIAM.</b> Single mixed. Delicately fringed flowers .....	.05	.15	.50
<b>SWEET WILLIAM</b> ( <i>Flore Pleno</i> ). Double mixed (Pheasant's Eye) .....	.05	.20	.75
<b>STOCKS</b> —Gilliflower, Dwarf German, 10 Weeks. Fine mixed. Double. Stocks are hardy annuals, indispensable in every garden.....	.10	.50	1.50
<b>SUNFLOWER</b> (Mammoth Russian). The giant of all sunflowers.....Lb., 15c			
<b>VERBENA.</b> One of the best annuals for bedding purposes, also for vases and window boxes. Easily grown from seed. <b>Hybrida Compacta.</b> These are elegant, dwarf, bushy varieties .....	.05	.25	.75
<b>WILD CUCUMBER</b> ( <i>Echinicystis Lobata</i> ). This is the quickest growing climber on our list .....	.05	.10	.25
<b>ZINNIAS</b> (Youth and Age). Zinnias are among the most showy and brilliant of annuals. They are flowers for everybody. (Pompon). Double mixed .....	.05	.20	.50

## MISCELLANEOUS BULBS FOR SPRING PLANTING.

## CHOICE LARGE-FLOWERING CANNAS

## CHOICE NAMED HERBACEOUS PEONIES

GLADIOLI. Many choice varieties.

MADEIRA VINE. A rapid grower

CALADIUMS

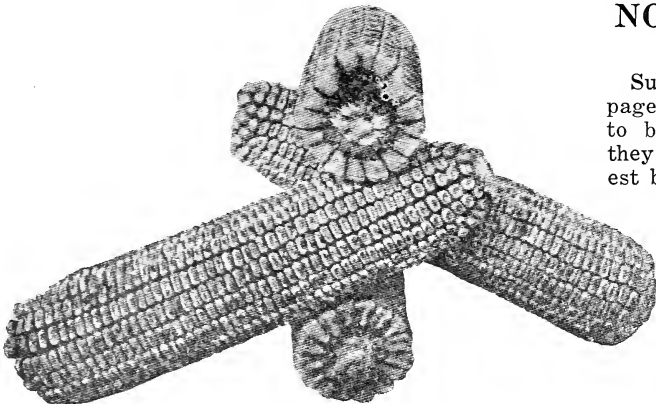
LILY-OF-THE-VALLEY

LILIES

DECORATIVE DAHLIAS

CACTUS-FLOWERED DAHLIAS

TUBEROSE, EXCELSIOR PEARL, Double-flowering favorite.



St. Charles Ensilage

**NORTHERN GROWN EARLY SEED CORN.**

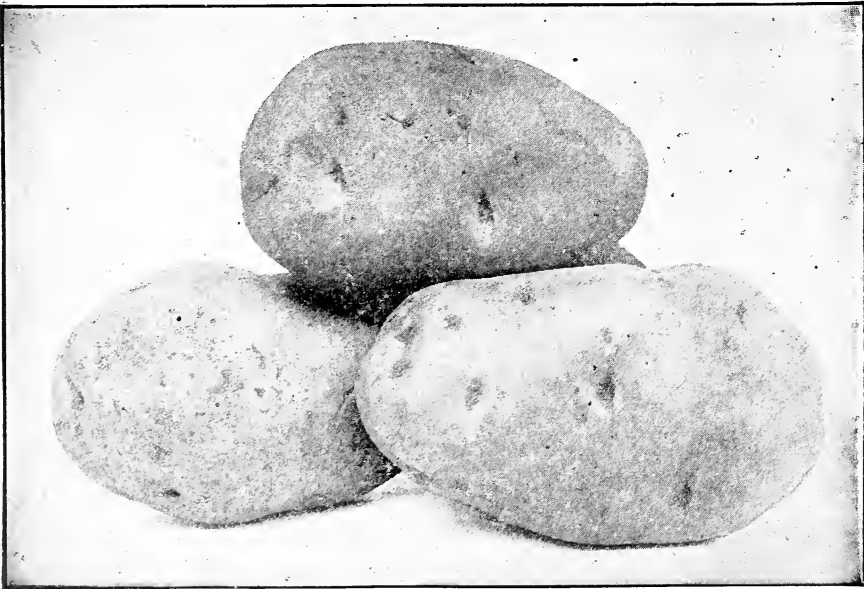
Such varieties of Corn as we list on this page are the purest bred Northern Corn sorts to be found. For their respective sections they represent the heaviest yielding and purest bred type in existence.

It is now universally recognized that the so-called 90-Day or Early Corn grown in Southern localities requires twenty or more additional days to mature in the North. Farmers plant Seed Corn grown over fifty miles south of their latitude at a great risk of a soft crop.

- REID'S YELLOW DENT.** Long considered one of the best Yellow Dent varieties for grain and fodder. Medium early and sure to ripen .....**Price on Application.**
- WHITE CAP YELLOW DENT.** Has never failed to ripen. Ears large, with deep kernels. Yellow, with a white tip to each kernel ..... " " "
- GIANT WHITE ENSILAGE.** Largest White Ensilage ever sold in this section ..... " " "
- EUREKA.** White Cob Ensilage. It is a vigorous grower with large stalk and unusually heavy foliage, producing from one to three ears to the stalk, according to the land ..... " " "
- ST. CHARLES.** Red Cob Ensilage. A tall-growing plant with a great quantity of side leaves, making it very desirable for ensilage Corn ..... " " "

**SUPERIOR SEED POTATOES (Kartoffeln)**

The necessity for changing seed often is universally admitted by all well-posted growers, especially when the best seed can be had at so little additional outlay.



Our Seed Potatoes are grown in the North on land especially adapted for each variety.

We keep the following varieties of Northern Grown Seed Potatoes in Stock:

- Rural New Yorker
- Carman No. 3
- Early Six Weeks
- Irish Cobbler
- Early Ohio
- Early Bovee
- Old Early Rose
- Sir Walter Raleigh
- Green Mountain
- Gold Coin
- Early Manistee
- Ionia Seedling

**LAWN GRASS SEED**

Two Quarts of Seed Will Sow About 20 Square Feet; Four Bushel to the Acre.

- FANCY KENTUCKY LAWN GRASS.** For quickly producing a permanent, thick and velvety sward of grass, this brand of Lawn Grass cannot be excelled. It is the best mixture of grasses we sell for lawn making, and will give satisfaction wherever sown .....**Price on Application**
- SHADY NOOK LAWN MIXTURE.** Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass ..... " " "
- SCOBIE & PARKER CO.'S PUTTING GREEN MIXTURE** is a combination of seed of low growing, fine bladed grasses which produce close, firm, velvety turf under general conditions ..... " " "



## GRASS AND FIELD SEEDS

SCOBIE & PARKER CO.'S "GOLF LINK" FAIR GREEN MIXTURE. The grasses in this mixture endure wear and tear, and retain their good appearance. Sow 75 to 100 pounds per acre .....	Price on Application		
SCOBIE & PARKER CO.'S PERMANENT PASTURE MIXTURE. A very hardy popular grass grown successfully almost anywhere. Valuable in pasture because it offers feed a few days after moist weather in spring. It is the best pasture grass for our climate and soil, succeeding finely on hill lands and producing the most nourishing food.....	"	"	"
BLUE GRASS ( <i>Poa Pratensis</i> ). Commonly called Kentucky Blue Grass. Very valuable grass for pasture and lawns .....	"	"	"
RED TOP ( <i>Agrostis Vulgaris</i> ). A valuable grass for moist soils and lowlands. It is a good, permanent grass, standing our climate well .....	"	"	"
ITALIAN RYE GRASS ( <i>Lolium Italicum</i> ). A valuable European variety, adapted to any climate, and produces large and nutritive crops .....	"	"	"
ORCHARD GRASS, or ROUGH COCKSFOOT ( <i>Dactylis Glomorata</i> ). This is one of the most valuable and widely known of all pasture grasses. It is well adapted for sowing under trees or orchards .....	"	"	"
TIMOTHY ( <i>Phleum Pratense</i> ). This is decidedly the best grass for hay ....	"	"	"
MILLET, GERMAN or GOLDEN. An improved large leaved variety, growing three to five feet high, and a heavy yielder .....	"	"	"
BUCKWHEAT (Japanese). The plants are large and vigorous, maturing seed early and resisting drought and blight remarkably well .....	"	"	"
BUCKWHEAT (Silver Hull). This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre .....	"	"	"
FLAX ( <i>Linum Usitatissimum</i> ). Sow late enough in the spring to avoid frost and early enough to secure a good stand and enable the crop to ripen before the fall rains .....	"	"	"
SORGHUM (Early Amber). Sugar Cane as a green fodder crop is yearly being better appreciated by the dairy farmer .....	"	"	"
DWARF ESSEX RAPE. A forage plant of great merit, easily grown in any part of the United States, on any land that will raise turnips or corn .....	"	"	"
VETCHES (Sand, Winter or Hairy). Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable for spring and fall sowing. One and one-half bushels to the acre .....	"	"	"
SPRING ( <i>Vicia Sativa</i> ). Grown for the same purpose as Winter Vetches. Sow in the early spring .....	"	"	"
COW PEAS—Great Soil Improver. The value of Cow Peas as a soil enricher is now well known .....	"	"	"
SOJA, or SOY BEANS. A valuable legume somewhat on the order of Cow Peas; is coming more and more into use .....	"	"	"
CANADA FIELD PEAS. Very valuable in the Northern states for cattle feeding. Excellent for horses and pigs when sown with oats .....	"	"	"
BARLEY (Beardless). Earlier than any other beardless Barley, and a heavy yielder .....	"	"	"
OATS (Canadian Cluster). Northern-grown seed. Enormous yielder, producing large heads .....	"	"	"
WHEAT (Fancy Northern Seed) .....	"	"	"
RYE (Winter) .....	"	"	"

## CLOVERS

MEDIUM RED OR JUNE ( <i>Trifolium Pratense</i> ). Sow in spring or fall, at the rate of 8 or 10 pounds per acre .....	Price on Application		
MAMMOTH OR LARGE RED ( <i>Trifolium Pratense</i> ). Sow at the rate of about 8 pounds per acre; 60 pounds per bushel .....	"	"	"
WHITE DUTCH ( <i>Trifolium Ripens</i> ). A small, creeping, spreading, perennial variety, valuable for pasture and lawns .....	"	"	"
ALSIKE OR SWEDISH ( <i>Trifolium Hybridum</i> ). This valuable variety is fast gaining great popularity .....	"	"	"
ALFALFA OR LUCERNE ( <i>Medicago Sativa</i> ). Will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers .....	"	"	"
CRIMSON OR SCARLET CLOVER. Can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre .....	"	"	"

## SHEEP MANURE

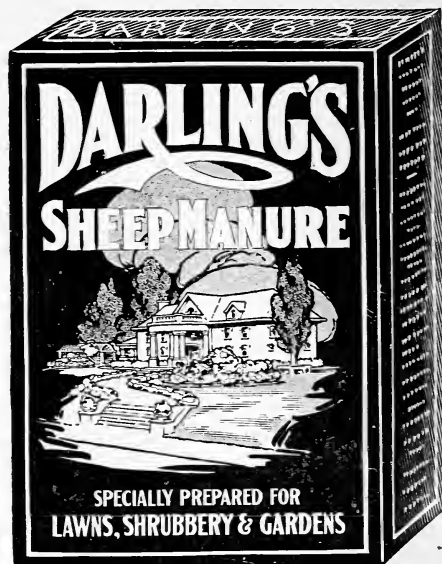
Is most convenient and economical—"A Wagon Load in a Bag"—Dry, finely pulverized, without weeds, waste or refuse. If you really want the greenest kind of a velvety lawn and garden that will be a delight to possess, flowers of rare foliage and bloom, fruits and vegetables and berries that come near to perfection, give your soil a good dressing of Sheep Manure the first thing this spring.

5 lb. Pkgs., 25c; 25-50-100 lb. Bags, Price on Application.

## Pulverized Poultry Manure, Nature's Best Fertilizer

Nitrogen .....	4.10%
Total Phos. Acid .....	2.70%
Available Phos. Acid .....	1.70%
Potash .....	1.30%

From the foregoing you will readily see how rich in nitrogen or ammonia and bone phosphate of lime the poultry manure really is, and what a favorable amount of potash it contains.



## FERTILIZER



"SHUR-GRO" FERTILIZER. Entirely free from Sulphuric or other injurious acids, therefore, will not sour or injure the soil.

No disease of plants can exist when the soil is supplied with all the minerals essential to vegetation; and SHUR-GRO contains all of them.

Prices—10 lb., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

Plant growth begins in decomposition and decay, and is followed by absorption; and SHUR-GRO supplies those elements essential for absorption in available form.

### KEYSTONE FERTILIZER

This famous brand is made from bone and tangle.

It is especially adapted for use in the drill for wheat, rye, oats and buckwheat, and will put soil in good condition for grass. There is no free acid, thus insuring the Fertilizer to drill perfectly.

### ANALYSIS:

Ammonia .....	1.75 to	3 per cent
Soluble Phosphoric Acid ...	7 to	9 per cent
Reverted Phosphoric Acid..	2 to	4 per cent
Insoluble Phosphoric Acid..	2 to	4 per cent
Total Phosphoric Acid.....	11 to	13 per cent
Equal to Bone Phosphate		
of Lime .....	1 to	2 per cent
Potash (K 2 O).....	1 to	2 per cent
Equal to Potash		
(Sulphate) .....	1.85 to 3.70	per cent
Put up in 100 pound sacks.		

### NITRATE OF SODA, or Chili Saltpeter

Nitrogen .....	18.00%
Ammonia .....	15.00%
Per lb. ....	\$.....
Per 100 lb. ....	\$.....

### SULPHATE OF AMMONIA

Per lb. ....	\$.....
Per 100 lb. ....	\$.....

### MURIATE OF POTASH

Per lb. ....	\$.....
Per 100 lb. ....	\$.....

### PURE RAW BONE MEAL

We guarantee this brand to be manufactured strictly from slaughter-house bone.

### ANALYSIS:

Ammonia .....	4.50 to 6 per cent
Phosphoric Acid .....	21 to 22 per cent
Equal to Bone Phosphate of Lime ...	45.88 to 50.25 per cent
Put up in 100 pound sacks.	

### ACID PHOSPHATE

We guarantee analysis; also that it is equal to any of the "Soluble Bones," etc., brands on the market today. Put up in 100 and 167 pound sacks.

### ANALYSIS:

Soluble Phosphoric Acid....	10 to 12 per cent
Reverted Phosphoric Acid...	1 to 2 per cent
Insoluble Phosphoric Acid..	2 to 4 per cent
Total Phosphoric Acid.....	13 to 16 per cent
Equal to Bone Phosphate	
of Lime .....	28.40 to 34.96 per cent
Put up in 100 pound sacks.	



# INSECTICIDES AND FUNGICIDES

## NIAGARA SOLUBLE SULPHUR COMPOUND

For the control of the San Jose Scale, Oyster Shell Bark Louse, Pear Psylla, Peach Leaf Curl, and other sucking insects or fungus diseases.

### CONSIDER THIS COMPARISON.



#### STANDARD

Commercial Lime and Sulphur Barrel. This 50 gallons of liquid weighs 600 pounds of which 75% is water and package. Impossible to prevent leakage.



#### STANDARD

Niagara Soluble Sulphur Compound Drum. This 100 pounds of powdered material is equivalent to 60 gallons of liquid. Leakage impossible.

1, 5, 10, 25, 50, 100 lb. Cans.

## LION BRAND LIME SULPHUR SOLUTION

For winter or dormant spraying Lion Brand Lime-Sulphur Solution stands without a peer. It is also considered an ideal summer spray, no spray injury resulting from its use and it destroys Apple Scab Fungus, Bitter Rot, Blights, Rust, Smut, and in fact all the Fungus troubles which the orchardist has to contend with. The solution used at the strength of 1 to 40, while destroying Apple Scab, etc., will at the same time destroy the running Larvae of San Jose and other scale insects. Put up in 1 Qt., 1 Gal, and 5 Gal. Cans, and 50 Gal. Barrels.



# Pyrox

REG. U. S. PAT. OFF.  
TRADE MARK REGISTERED

Disposes of the bug question on all kinds of vegetables and fruits. If you believe in growing good products, free from disease and insect damage,

#### SPRAY WITH PYROX.

#### PYROX PRICES

1 lb. Jars.....\$ .40  
5 lbs., 1 container..... 1.50  
10 lbs., 1 container..... 2.50  
One Pound Makes Five Gallons of Spray.

25 lbs., 1 container..... 5.75  
50 lbs., 1 container.....\$10.00  
100 lbs., 1 container..... 18.00

Prices subject to change without notice.

## “BLACK LEAF 40”

### WHAT IT IS USED FOR

“Black Leaf 40” is used as a safe and effective spray for plant lice (aphids), thrips, leaf-hoppers and similar insect pests in the truck garden, orchard, flower garden, grove, park, vineyard, etc.

1 Oz. ....25c

Makes 6 Gallons.

½ lb. ....\$1.25

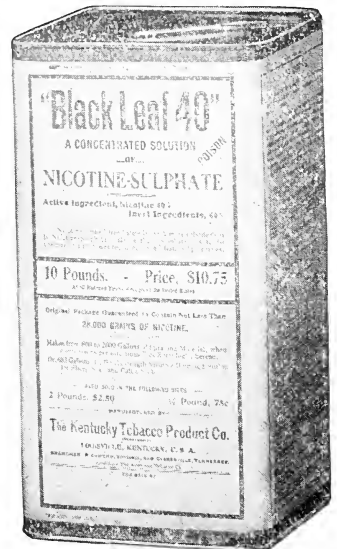
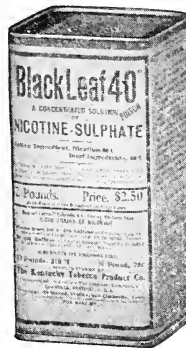
Makes 40-150 Gallons.

2 lbs. ....\$3.75

Makes 160-600 Gallons.

10 lbs. ....\$15.50

Makes 800-3000 Gals.



# KEY BRAND DEPENDABLE SPRAYS PROTECT CROPS

## SUPERFINE POWDERED ARSENATE

### OF LEAD.



Better than Paris Green. Does not burn foliage. Can be used for wet spraying or dry dusting. Has all the advantages of Arsenate of Lead Paste with double the strength—goes twice as far—and is easier to handle and measure out. One pound makes from 15 to 25 gallons of solution ready to apply.

1/2 lb. package...\$0.30

1 lb. ....	\$0.50	25 lb. ....	\$ 9.00
5 lb. ....	2.25	50 lb. ....	17.00
10 lb. ....	4.00	100 lb. ....	32.00

### KEY CIDE POWDER.



This Bordo Lead Powder is a combined Insecticide and Fungicide. Kills bugs and prevents blight, rot, mildew and fungus in one spraying operation. Can be used for wet spraying or dry dusting on fruits, vegetables or flowers. Complete spray for gardens. One pound makes about 7 gallons ready to apply.

1/2 lb. package...\$0.40

1 lb. ....	\$0.50	25 lb. ....	\$ 8.25
5 lb. ....	2.50	50 lb. ....	16.00
10 lb. ....	4.75	100 lb. ....	30.00

### KEY BRAND TREE WOUND PAINT.



Prevents Decay After Pruning. This residuum, penetrating antiseptic paint is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding.

1 Qt. Can...\$ 1.00

1 Gal. ....	2.75
5 Gal. ....	10.00

**JUST SLIP THE SEALED CARTRIDGE IN THE GUN THAT'S ALL!**

**THE EASY WAY**

No Handling. No Mixing.  
No Weighing. No Measuring of Poisons.  
Makes Successful Gardening a Pleasure.



More Vegetables. Better Fruit.  
Beautiful Flowers and Shrubs.

By using specially prepared materials, approved by the Agricultural Experimental Stations, all in Handy Sealed Cartridges ready to apply instantly without waste

**All Handy Sealed Cartridges, 15c each.**

For Vegetable and Small Fruit, B. A. Cartridge.  
For Flowers and Shrubs, Oloro Cartridge.  
For Fruit & Vegetables Nearly Ripe, Hellebore Cartridge.  
For Aphids and Many Soft-Bodied Insects, Kaphis Cartridge.  
For Orchard Fruit, L. A. S. Cartridge.

**Key Duster Gun \$1.50**

A complete Garden Spray Calendar is supplied with every Gun.

**FOR FLOWERS, FRUITS, VEGETABLES AND GARDENS**

CARTRIDGE CONTAINS ENOUGH MATERIAL TO DUST ABOUT 100 ORDINARY POTATO PLANTS 15 CENTS

## KEY BRAND BORDEAUX MIXTURE PASTE.



For Blight, Mildew, Rust and Fungus Diseases. Also prevents and checks Black Rot and Scab and acts as a deterrent for insects on fruit and vegetables. Dilute 1 pound to about 4 gallons of water for 3-3-50 formula.

1 lb. pkg. ....\$0.35

5 lb. .... 1.50

10 lb. ....	\$2.75	50 lb. ....	\$10.00
25 lb. ....	5.50	100 lb. ....	18.00

## KEY BRAND ARSENATE OF LEAD PASTE.

For



Caterpillars, Coddling Moth, Fruit Flies and all Leaf-Chewing Insects. Mixes easily in water, stays in suspension well and does not clog nozzle. Sticks like paint, kills quick and will not burn foliage. Five careful tests insure high grade, uniform product. One pound makes about 12 gallons ready to apply.

1 lb. package...\$0.35

5 lb. ....	\$1.25	25 lb. ....	\$ 6.00
10 lb. ....	3.00	50 lb. ....	11.00
12 1/2 lb. ....	3.50	100 lb. ....	20.00

## TARGET SALE DESTROYER (Soluble Oil).



Dormant Spray for San Jose and Oyster Shell Scale. Highly effective for Leaf Roller, tree infesting scale and most soft-bodied sucking insects. No disagreeable odor, no clogging of nozzle or burning of eyes like Lime Sulphur. May be used in spring or fall. Mixes easily without sediment. Sprays and creeps into crevices of rough

bark. Dilute 1 gallon to 20 gallons of water and it's ready to apply. 1 Qt. Can...\$0.60

1 Gal. ....	\$1.45	30 Gal. Barrel...	\$26.00
5 Gal. ....	6.45	50 Gal. Barrel...	38.00

## KEY BRAND BORDO LEAD PASTE.

Insecticide and Fungicide.—



Two Sprays in One. Arsenate of lead combined with special Bordeaux Mixture that in one spraying operation it kills insects and prevents blight, mildew, rust and fungus diseases. Sticks like paint and remains on foliage. One pound makes about 3 1/2 gallons ready to apply.

1 lb. pkg. ....	\$0.40	25 lb. ....	\$ 6.00
5 lb. ....	1.75	50 lb. ....	11.00
10 lb. ....	3.00	100 lb. ....	20.00

## KEY BRAND BORDEAUX MIXTURE POWDERED.



For Blight, Mildew, Rust, etc. It has all the advantages of paste with double the strength. Goes twice as far. Used for dry dusting or wet spraying. Dilute 1 pound to about 8 1/2 gallons of water for 3-3-50 formula.

1/2 lb. package...\$0.30

1 lb. ....	\$0.45	25 lb. ....	\$ 7.50
5 lb. ....	2.25	50 lb. ....	14.00
10 lb. ....	3.50	100 lb. ....	26.00

## STERLINGWORTH BORER OIL



A few drops of this oil squirted into the tunnels made by Round or Flat Head Tree Borers will usually stop their work. An ordinary oil can is just the thing for applying. When you see the fine sawdust signs of borers at the tree butt, start at once to exterminate the saw-dust maker or he will quickly exterminate your trees.

1 Pt., 50c.

## Sterlingworth Insect Spray



For Bed Bugs, Roaches, Water Bugs, Ants, Flies, Fleas, Mosquitoes and similar insects in homes, restaurants, cook-houses, offices, stables, public institutions or wherever these pests are found.

We cannot recommend it too strongly for all of the above uses. Not being an explosive or a poisonous fluid adds to its value. It saves the housekeeper buying many different insect killers for the several different insects and the easiness of its use, quickness of results, appeals to all that use it. When applied according to directions given on each can it will not stain or spot bed-clothing, curtains, wall-paper, etc. The best way to apply it is with an ordinary sprayer.

For Bed Bugs spray or squirt it into the cracks and crevices where these pests are usually found. The fluid is very penetrating and reaches insects not reachable by other methods. Insects die that are hit by the spray or that crawl over newly sprayed surfaces.

1 Qt., 60c.



## STERLINGWORTH POWDERED TOBACCO

An effective and cheap remedy for many bugs, worms, lice and spiders on Cabbage, Squashes, Melons, Cucumbers, Potatoes, Plants, etc. It is for use while the vegetation is damp.

1 Lb., 20c.

## Sterlingworth No-Scab



For Treating Potato and Grain Seed. Grain Smut prevails wherever oats and other grains are grown. Potato Scab is also more prevalent each year. Never plant potatoes without treating the seed with No-Scab.

For Oat, Wheat and Rye Smut (except loose smut of wheat and barley which this preparation will not control, spread the seed on the floor, sprinkle with Sterlingworth No-Scab,

1 pound (1 pint) to 36 gallons of water, and shovel over to mix thoroughly, after which spread out and dry.

For Stinking Smut of Wheat and Grain, pour seed into the solution, stir and skim off smut balls as they rise to surface.

For Potato Scab, and to destroy many other germs on seed potatoes, soak seed in Sterlingworth No-Scab, 1 pound to 15 gallons of water. The mixture can be used for several lots of potato seed, over and over, until used.

½ Lb. Bottles, 50c Each.



## STERLINGWORTH CUT WORM KILLER

STOP FEEDING PLANTS TO CUT WORMS

I remember my first row of tomatoes. They were beauties and cost twenty-seven pennies, all the money I had in the world, earned turning grind-stones, driving cows and picking berries. The very first night the cut worms killed all but two plants. I have had it "in" for the cut worms ever since, and now after twenty-five years have something that "gets him" every time. It is a coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer it to vegetation. There is no guess work about it doing the "business." The dead cut worms "tell" the story. You need not be afraid to use Sterlingworth Cut Worm Killer.

1 Lb., 30c.

## STERLINGWORTH LAWN COMPOUND



KILLS WEEDS IN LAWNS WITHOUT KILLING GRASS  
MAKES THE LAWNS GREEN AND VELVETY

While our claims for Sterlingworth Lawn Compound indicate that it has human intelligence, we guarantee that when used as directed it will kill such weeds as plantain, dandelions, chickweed and most other weeds having a broad hairy surface without killing the grass. Money back if it fails.

5 Lb. Pkg., 75c.



## STERLINGWORTH WEED KILLER

FOR KILLING WEEDS IN WALKS, DRIVES AND TENNIS COURTS WHERE NO VEGETATION IS WANTED.

Sterlingworth Weed Killer is especially adapted for destroying weeds in walks, drives, dirt tennis courts, golf links, etc., or any other place where the killing of all vegetation is desired. It is successful against all kinds of weeds and grass, including milkweed, witchgrass, wild morning glory, dandelions, poison ivy, sumach, etc. One application will kill roots and foliage in 48 hours and no more weeds will grow until more seed is sown.

1 Lb., 50c.

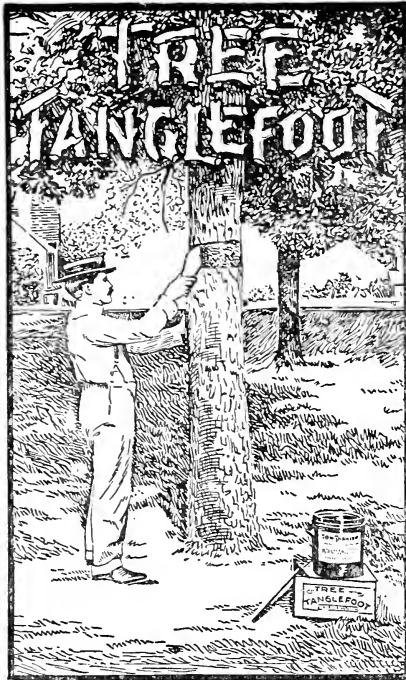
## STERLINGWORTH ANT-I-CIDE

FOR USE AGAINST ANTS IN LAWNS



They are a persistent pest. It is impossible to harbor them and have a good lawn. Either give up the lawn or the ants. If you prefer the lawn, try Sterlingworth Ant-i-cide. It is a powder to be sprinkled on the ground. One pound covers about 200 square feet. Induce your neighbors to use Sterlingworth Ant-i-cide and thus help protect premises from invasion. Guaranteed to give satisfaction or money refunded.

1 Lb. Box, 30c; mailing weight 2 lbs.



**TREE TANGLE-FOOT.** Protects trees from canker worms, cutworms, ants, tussock moths and all climbing insects. It will not injure trees and when applied remains sticky for three months. Apply it thoroughly around the trunk of the tree just below the lower limbs in a band of 6 to 8 inches in width. Most effective if applied early. 1 lb. 50c, 5 lb. \$2.25, 10 lb. \$4.25

#### BUG DEATH DUSTER,

for applying .....50 Cents  
**BUG DEATH.** Destroys potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms.

1 lb. pkg. 15c, 3 lb. 40c, 5 lb. 60c,  
 12 lb. \$1.25.



Pat. March 16 and Nov. 9, 1897.

### HAMMOND'S SLUG SHOT

Hammond's Slug Shot, used from ocean to ocean. A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Chicken Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides.

1 lb. of Slug Shot, with perforated top to dust out, 15c; 5 lb. package, 50c.



#### A COMBINED INSECTICIDE AND FUNGICIDE

You kill two birds with one stone  
and get the stone back when you

use Sterlingworth Ar-Bo, for you can prevent certain fungous diseases and kill most leaf-eating insects at one spraying, and the quality of the increased crop pays for the cost of the material and time of applying.

Sterlingworth Ar-Bo has the fungicide qualities of Bordeaux and the killing values of Paris Green and Arsenate of Lead combined in one mixture. It accomplishes what straight Bordeaux Mixture does in the way of preventing fungous diseases like Apple Scab, Rust, Anthracnose, Leaf Spot, Black Rot, Downy Mildew, Mildew, Leaf Curl, Sooty Mold, Fruit Spot, Pear Blight, Black Knot, Potato Blight and Potato Rot, and in addition it controls most eating insects like Apple Maggot or Railroad Worm, Bud Moth, Canker Worms, Codling Moth (which makes your apples wormy), Plum Curculio (which stings your apples, plums, cherries, etc.) 1 lb. 40c, 5 lb. \$1.50, 10 lb. \$2.50.



1 lb. 35c.

Kills most lice and sucking insects on trees, shrubs, plants, vines and rose bushes.

Sterlingworth Fish Oil Soap With Tobacco is different from the so-called Whale or Fish Oil Soap usually sold for agricultural use. It has a greater efficiency and is more desirable in other ways. It is a Fish Oil Soap, the killing values of which are increased by the addition of tobacco and tobacco extractive matter. It possesses the valuable features of Whale Oil or Fish Oil Soap with the additional insecticide values of tobacco, and may be used for all insect killing purposes for which Whale Oil or Fish Oil Soap may be used, with doubly satisfactory results. 1 lb. 35c, 5 lb. \$1.50.



A valuable remedy against Scale and many soft-bodied and sucking insects, such as Plant Lice, Leaf Aphis, Woolly Aphis, Celery Aphis, Squash Bug, Leaf Hopper, Mealy Bug, Cabbage Worm, etc.

Kerosene Emulsion is an article of wide and varied usefulness. It kills the green plant louse scale and many other sucking insects at once.

1 Qt. 50c, 1 Gal. \$1.25.

### LION BRAND GRAFTING WAX

We have been making it longer than anyone else. We know from actual, personal, grafting experience just exactly what is needed in a wax, and our product is always uniform. It will neither soften and leave the graft, melt in the sun, or be too hard to work up nicely in the hand.

Excellent to apply to young trees and shrubs that have been barked. It is put on easily and quickly, and will remain there and prevent decay, until the wound is covered with new bark.

Put up in half pound packages, 20c.



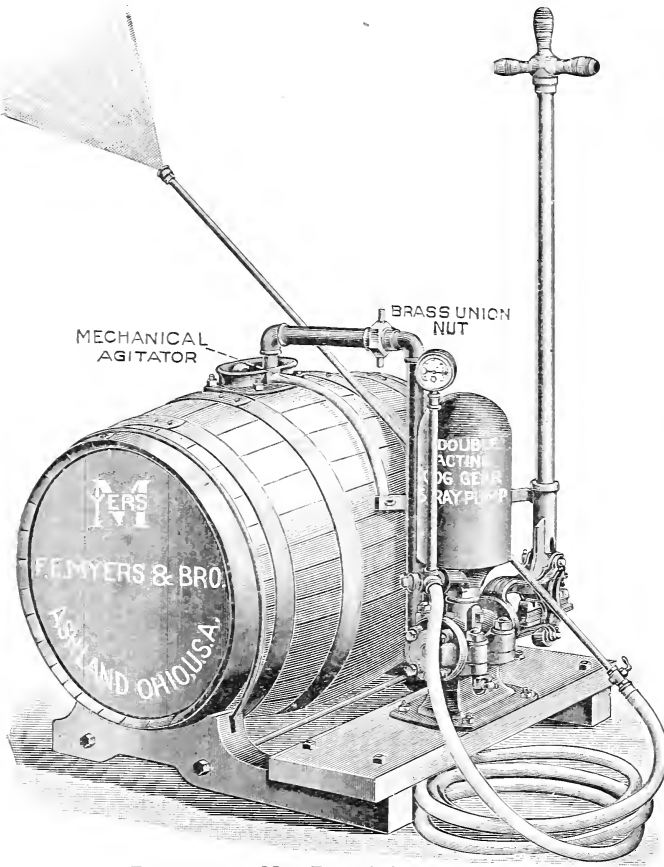
## SPRAYING CALENDAR

PLANT OR TREE	DISEASE OR INSECT	REMEDY	WHEN TO SPRAY			REMARKS AND CAUTIONS
			First Spraying	Second Spraying	Third Spraying	
Apple.....	Bitter rot, Black rot, Bloch and Fruit spots	Bordeaux	With first appearance of rot	One to two weeks after first	Two weeks later	These follow Bordeaux for scab; danger on fair skinned apples. The spray of Bordeaux mixture just before blossoms open is very essential and cannot safely be omitted.
	Scab	Bordeaux mixture	Just before blossoms open. Bord.	After blossoms drop	Seven to ten days later	
	Bud moth	Arsenates in Bordeaux	With opening of buds	Two or three days later	Same as 2nd	
	Canker worm	*Arsenate of lead alone	When young worms appear	7 to 10 days later	30 days later	
	Codling moth	Arsenates in Bordeaux or *arsenate of lead, 1 lb. to 50 gallons	As soon as blossoms fall			
	San Jose scale	Lime-sulphur	Late in fall, late in winter, early in spring			Use lime-sulphur only when trees are dormant. Do not use strong emulsions or oil when trees are in full leaf.
Plum.....	Oyster shell scale	Lime-sulphur or Kerosene-emulsion	Early spring	90 days later	For oyster shell scale 60 days	
	Scurfy scale					
	Brown rot	Bordeaux	As buds are swelling	After calyx drops On Jap. and Am. varieties after leaves are grown	Three or four weeks later	Every 7 to 10 days repeat 4th. Destroy all mummies.
	Shot-hole fungus	Bordeaux	When leaves are half grown	Three weeks later	Three weeks later if needed	Protect to end of the season.
	Curculio	Arsenate of lead in Bordeaux	With starting of buds	Just after calyx drops	Five days later	Jar trees, gather and destroy curculio and stung plums.
Cherry.....	Aphis	Soap solution	On appearance of aphis			Use 1 lb. soap to 6 gal. water.
	San Jose scale	Lime-sulphur	Late fall or early sp.			
	Leaf spot	Bordeaux	When leaves are unfolding	Two weeks later	2 or 3 weeks after second	First after blossoming often treated after crop
	Rot	Bordeaux	Before blossoming	After blossoms drop	Two weeks later on fruit	Difficult to reach aphis. Use 1 lb. soap to 4 gal. of water.
	Aphis	Soap solution	On first appearance of aphis			Air slaked lime may be used.
Currant.....	Cherry slug	*Arsenate of lead	After harvest as slugs appear	Repeat if slugs remain		Avoid strong solutions. Use no arsenicals except arsenate of lead.
	Curculio	*Arsenate of lead in Bordeaux	Before blossoming	As blossoms dry up	One week later	
	San Jose scale	Lime-sulphur	As with the apple	Same as apple		
	Worm	White hellebore	When worms first appear	In 3 or 4 days repeat	Repeat as 2nd	Worms found on under side of leaves.
Gooseberry	Mildew	Bordeaux	Before leaves open	After blossoming	2 weeks later	B'd'aux coats fruit third spraying. Sodium sulfide is substitute
	Worm	White hellebore	Same as currants			
Grape.....	Anthraxnose	Bordeaux	Just before buds open	Just before blossoming	Just after fruit has set	
	Berry moth	*Arsenate of lead with Bordeaux	Before blossoming	After fruit has set	30 to 45 days later	
	Downy and powdery mildew	Bordeaux	Just before blossoming	After fruit has set	Ten to fourteen days later	Covered by spraying for anthraxnose or rot.
	Black rot	Bordeaux	Just before blossoming	Repeat just after fruit sets	Repeat seven or eight days later	Follow by two or three sprayings.
	Leaf hopper	Kerosene emulsion	Before young fly			
Peach.....	Leaf curl	Bordeaux	In fall, or early spring, Bordeaux	As buds are opening	After calyx drops, Bordeaux	Lime-sulphur for first when scale is present instead of Bordeaux.
	Brown Rot	Bordeaux	As buds are swelling	Just after calyx drops	Three or four weeks later	Every 7 to 10 days repeat. Destroy mummies.
	Scab	Bordeaux	As buds are swelling	After calyx drops	Two weeks later	Use half usual amount of poison.
	Bud moth	Arsenites in Bordeaux	With opening of buds			
	San Jose scale	Lime-sulphur	Late fall or early sp.			
Pear.....	Leaf blight	Bordeaux	Before blossoms open	Two weeks later	Two weeks later, 4	Bordeaux after second may russet the fruit.
	Scab	Bordeaux	When leaves are half grown	After blossoms drop		
	Bud moth	Arsenites in Bordeaux	With opening of buds			
	Canker worm	*Arsenate of lead	When young worms appear	Two or three days later	Same as 2nd if worms there	Bordeaux not so effective as Arsenate of Lead.
	Codling moth	Arsenites in Bordeaux	When blossoms fall	Seven to ten days later		
	San Jose scale	Lime-sulphur	Winter or early sp.			Treatment similar to the apple.
	Slug	Arsenites in Bordeaux	When slugs appear	Repeat if slugs remain		

\*Arsenate of Lead referred to above is in a powdered form. If Arsenate of Lead Paste is used, double the amount of weight specified above.



## SPRAYERS



Represents No. R 316 B.

### COMPLETE OUTFIT—

Mounted on Skids with 50 Gallon  
Barrel and Mechanical Agitator  
With Brass Valves and Ground Bevel  
Brass Seats, 2 inch Seamless Brass  
Removable Cylinder, Hemp  
Packed Plunger

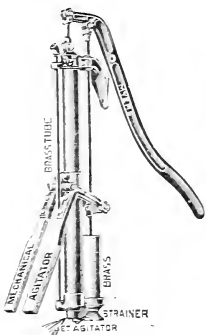
**Special Features:** Cog Gear Movement, increased leverage adapted for spraying under heavy pressure, mounted complete, occupying smallest possible space. Capacity sufficient for 8 nozzles; well adapted for spraying potatoes.

**No. R 316 B,** Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, one 15 foot lead of  $\frac{1}{2}$  inch 7-ply discharge hose, one Fembro Fig. 1290 nozzle, one 8 foot pipe extension with lever shut off and mechanical agitator.

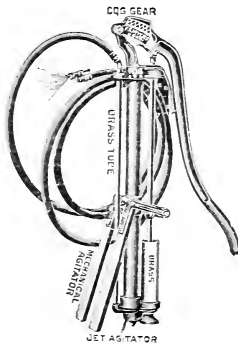
Price \$55.00.

**No. R 316 C,** Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, two 15 foot leads of  $\frac{1}{2}$  inch 7-ply discharge hose, two Fembro Fig. 1290 nozzles, two 8 foot pipe extensions with lever shut off and mechanical agitator.

Price \$50.00.



No. 305 B



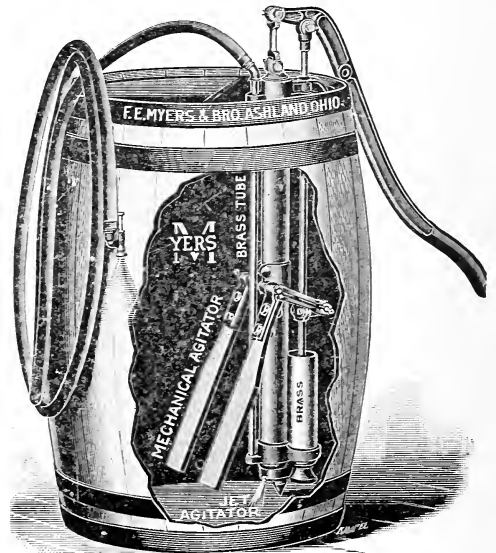
No. R 305 B

**No. 305 B,** with one lead of 15 feet of  $\frac{1}{2}$  inch 5-ply discharge hose, and Vermorel nozzle. Price \$14.00.

**No. 305 B,** mounted on barrel, with extension pipe. Price \$20.00.

**No. R 305 B,** Cog Gear Barrel Spray Pump, with both jet and mechanical agitators, complete with 15 feet of  $\frac{1}{2}$  inch 5-ply discharge hose and Myers graduating Vermorel nozzle. Price \$15.00.

**No. R 305 B,** mounted on barrel, with extension pipe. Price \$21.00.



Has Bronze Ball Valves and Brass Seats; the plunger is brass, fitted with hemp packing. Will handle hot, cold or any caustic mixture. The cylinder and discharge pipe are all brass. The air chamber is 30 inches in length.

## SPRAYERS—Continued.

### With Cog Gear Spray Pump and Dasher Agitator

Made of Extra Heavy Galvanized Iron; Capacity 12½ Gallons; Suitable for Greenhouse Work, Spraying Trees, Whitewashing, Painting, Etc.

A General Utility Pump for the Home.



No. R 336 B, Myers Handy Portable Sprayer, complete as shown in the illustration with Dasher Agitator, 15 feet ½ inch 5-ply discharge hose, 8 foot extension and Vermorel nozzle.

Price \$25.00.

### LITTLE GIANT AND COG GEAR BRASS BUCKET SPRAY PUMPS

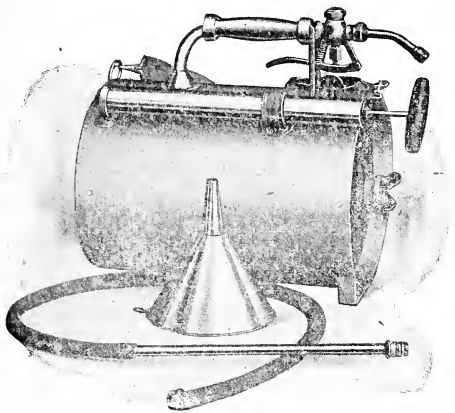
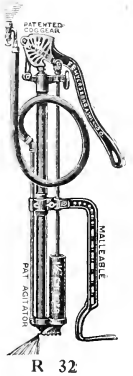
#### For Spraying and Whitewashing

No. 327½, Little Giant Brass Spray Pump, with agitator, complete with hose and Imperial combination fine, coarse spray and solid stream nozzle, with malleable foot rest.

Price \$4.50.

No. R 324, Myers Cog Gear Bucket Spray Pump, with agitator, complete with detachable hose and graduating Vermorel fine, sprinkling and solid stream nozzle, packed one in a carton.

Price \$6.50.



### LOWELL COMPRESSED AIR SPRAYER

**Tank:** Made either of high-grade galvanized steel or sheet brass. Diameter of tank, 9 inches; 13 inches high. Weight, empty, 9 pounds; loaded, 34 pounds. Capacity, 3 gallons.

No. 116. All Galvanized. Price \$6.00

No. 117. All Brass. Price \$8.50.



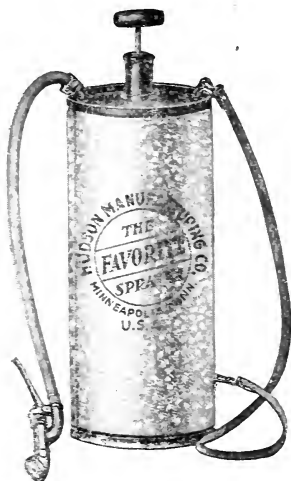
### PERFECTION SPRAYER

The Perfection Sprayer has a tank made like a steam boiler. The all-riveted seams give the necessary strength for developing high pressure, which is absolutely essential for good results. The all-brass pump is placed inside the tank and is easily removed.

No. 110G. Galv. Tank ... Each \$7.00

No. 110B. Brass Tank ... Each \$9.00

## SPRAYERS—Continued.



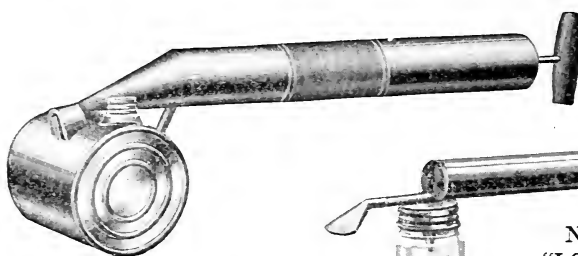
**FAVORITE SPRAYER**

A compressed air Sprayer of the "Perfection" type.

### PUMP:

Made of seamless brass. Air valve easily removable. Heavy plunger, rod and special leathers.

Price \$5.00.



A strongly constructed metal sprayer designed for use in gardens, poultry houses, green-houses and stables. It throws a very fine mist-like spray.

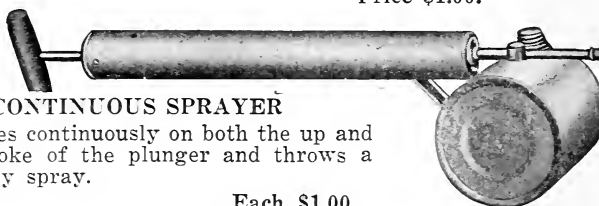
Tin ----- Each 60c  
Brass -- Each \$1.00



**No. 131  
"LOWELL"  
POWDER  
DUSTER.**

Easy to operate. Fill reservoir with dry powder, such as Paris Green, Hellebore, powdered Arsenate of Lead, etc. Size of spray regulated by operation of plunger. Elbow reversible enabling operator to spray up or down.

Price \$1.00.



**CONTINUOUS SPRAYER**

Operates continuously on both the up and down stroke of the plunger and throws a fine, misty spray.

Tin ----- Each \$1.00  
Brass ----- Each \$1.50

## HOT BED SASH

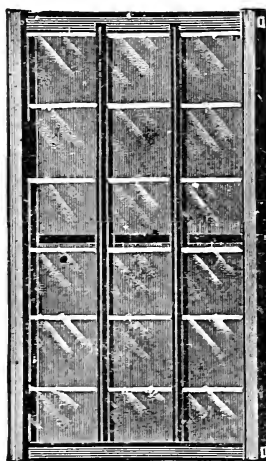
Our Sash are made from No. 1 Gulf Cypress, free from sap and knots. The bars are beveled at bottom to admit extra light. The cross bar of wood is grooved into the bars and mortised into the stiles. All sash are jointed before leaving our factory, so that no planing of edges is necessary to make them fit perfectly when laid side by side. We white lead all joints before putting sash together, making the sash last much longer.

No. 11 Sash—1 7-16 thick, 3x6 ft.

No. 11½ Sash— 1 7-16 thick, 3 ft., 2 in. x 7 ft.

No. 12 Sash—Double Light, 1½ thick, 3x6 ft.

Other sizes furnished to order.  
Prices on Application.



## NEPONSET WATERPROOF

### Paper Flower Pots



Are made from a tough, lasting and thoroughly waterproof paper. The pots may be used over and over again for transplanting and imilar uses.

Size in Inches	2¼	2½	3	4
Per 100	\$0.60	\$0.70	\$0.90	\$ 1.35
Per 1000	4.00	5.25	7.25	12.40

## MASTICA



Mastica is elastic and tenacious. In a few hours after use, a skin or film is formed, preventing the evaporation of the oils and leaving it pliable for years. One gal-

lon will cover about 290 running feet, one side.

Qt. can, weight 5 pounds	.....	\$0.75
½-gal. can, weight 7 pounds	.....	1.35
Gal. can, weight 15 pounds	.....	2.50

**MASTICA GLAZING MACHINE.** For applying Mastica.

Weight 2 pounds	.....	2.50
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**RAT CORN****RAT CORN**

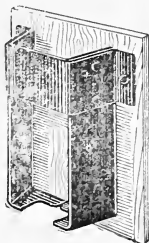
RAT CORN kills rats, mice, gophers, prairie dogs, squirrels and other rodents without odors. Mummifies them and they simply dry up. Is not a deadly poison, therefore, can be used without danger to human beings. Keep away from fowl.

Prices: 25c, 50c and \$1.00 per can.

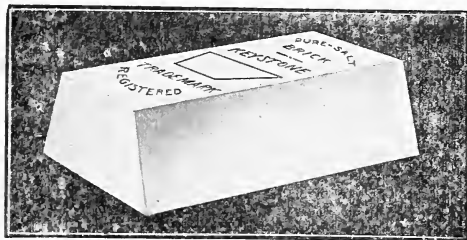
**SURE SALT BRICK**

These "COMPRESSED PURE-SALT BRICKS," with our patent Salt-Brick Feeders mark a step forward in the care and feeding of horses and cattle.

They are the most approved and up-to-date method of salting stock and are guaranteed to contain nothing but refined Dairy Salt.



Holders, 35c each.



Salt, 20c per brick.

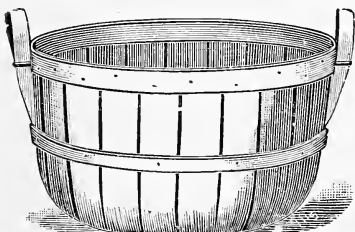
**DR. BLACKMAN'S MEDICATED SALT BRICK**

For Horses, Cattle, Sheep and Hogs. Best Worm Medicine and Tonic ever produced. Drop Brick in the Feed Box—it will do the rest. Rats and mice won't eat it. Contains Copperas for worms—Nux Vomica, a Tonic—Sulphur for the Blood—Saltpeter for the Kidneys. And the Purest of Dairy Salt.

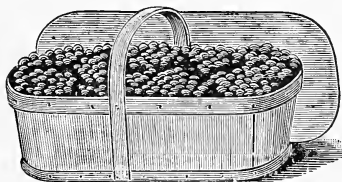
12 Bricks, weight 33 lbs., price.....\$2.75    24 Bricks, weight 66 lbs., price.....\$5.25  
Single Brick .....25c

**McKIM PATENT ALL-STEEL MEASURES**

Made in five sizes, BOTH STYLES, and we guarantee them U. S. Government Standard Capacity, or they may be returned at our expense, as we test each size to hold the required number of cubic inches. The sides and bottoms are made of heavy gauge steel, and they are admittedly the most substantial steel measure on the market.



Stave Baskets



Grape Baskets  
3 and 6 lb.



1 Qt. Berry  
Baskets

# LADDERS

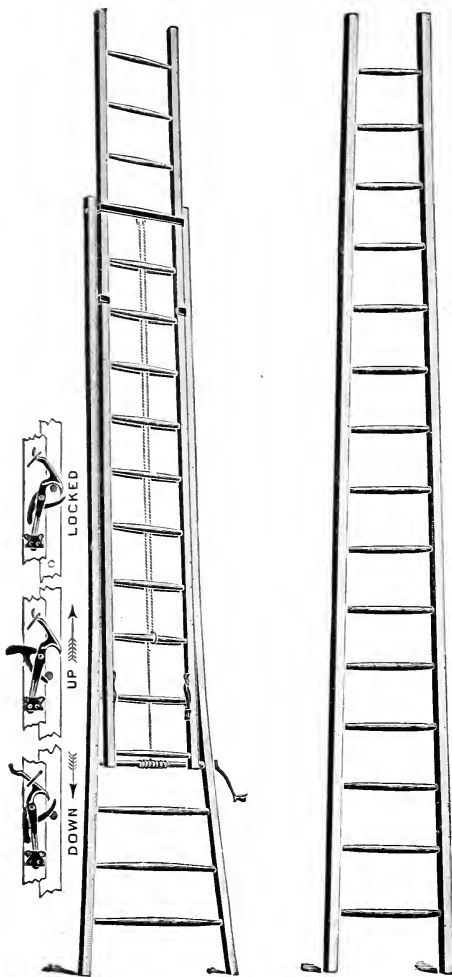


All long ladders are bored at the proper angle, so that the round enters the side at the correct angle to correspond with the spread of the ladder. This improvement, found only in our ladders, removes the cause of so much warping to one side. They are oiled with pure linseed, and colored with chemically pure Chrome Yellow.

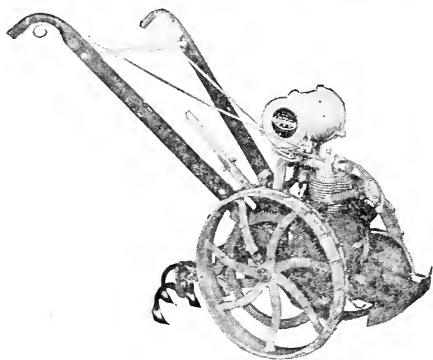
Extension Ladders, 20 to 40 ft.....40c ft.

Straight Ladders, 10 to 20 ft.....35c ft.

Step Ladders, 3 to 8 ft.....40c ft.



## THE MOTOR MACULTIVATOR



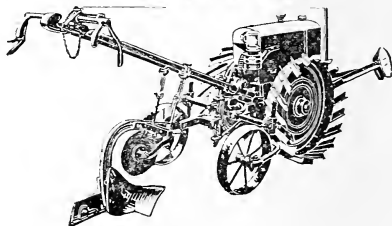
The Motor Macultivator is built right practically, as well as theoretically. Every feature and improved idea in its design and construction have been given actual field tests.

**Standard Equipment**—One pair of weeding hoes and four cultivating teeth. All standard tools fit.

**Price \$195.00.**

Does  
the  
work  
of  
One  
Horse

## MIDWEST UTILITOR



Plows, Harrows, Cultivates, Drills, Pulverizes, Mows Lawns, Pulls Small Loads, Saws Wood, Pumps Water, Grinds Feed, Turns Grindstone, Runs Separator, Churn, etc.

**Price**—Utilitor complete with following standard equipment: Magneto, air cleaner, 16-in. castor wheels, standard or cultivating, quick detachable rims, handles, belt pulley, double clutch.

**Price F. O. B. Pittsburgh \$395.00.**

Farming implements and attachments furnished as ordered at prices listed.

**ASK FOR SPECIAL CATALOGUE ON THESE TOOLS.**

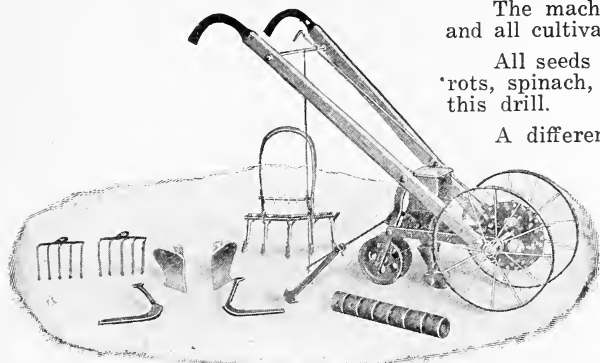
## THE NUMBER 16 HILL AND DRILL SEEDER AND CULTIVATOR

The machine, as illustrated, shows the seeder attached and all cultivator parts as shipped.

All seeds such as celery, radish, lettuce, beet, onion, carrots, spinach, chickory, cabbage, peas, etc., can be sown in this drill.

A different sized seed plate is used for each different sized or quantity of seed. Plants just the kind and quantity of seed desired without adjustment. Cannot go wrong. Every drop visible to the operator so he can see just what he is planting. The change of one seeding plate for another can be made in one minute.

Price \$15.00



### No. 2 Challenge

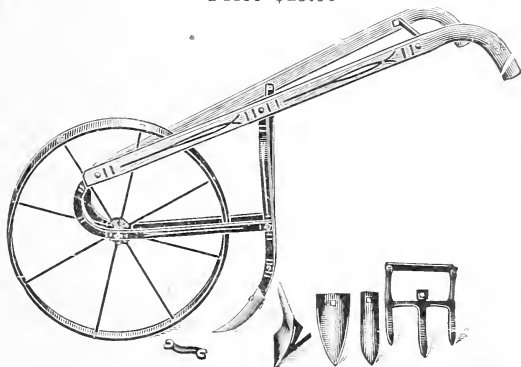
In this plow the center of weight falls directly over the pivoting point, making it self-balancing.

Height of wheel, 24 inches.

The attachments that go with each plow are a shovel, calf-tongue, weeder, cultivator, and a mould-board.

Nothing but the best materials are used in the manufacture of these plows.

Price \$4.00



## GARDEN TOOLS



No. 218—Wood Handle,  
Iron Point Dibbles.  
Price, each 60c.



No. 220  
ALL IRON DIBBLES  
Price, each 60c.



No. 213—Six inch. Cold Rolled Steel. Bright  
Blade. Malleable Shank.  
Price, each 15c



No. 214—Six inch. Rolled steel riveted blade.  
Half polished and blue enameled blade.  
Price, each 30c



No. 300—SPADING FORK—Three Tine.  
These forks are well made, the tines are polished about half way and adjoining parts enameled blue. Polished hardwood handle with brass ferrule.  
Price, each 40c



No. 2500—ASPARAGUS KNIVES.  
These are forged from 7-16 round steel, well hardened and tempered to stand rough usage.  
Price, each 50c



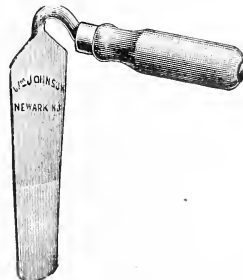
No. 217—Six inch. Transplanting. One piece  
heavy rolled steel.

Price, each 25c



No. 212—This trowel is made of one piece of  
heavy sheet steel, the shank and blade being one  
piece. The shank is bent hollow to give strength.

Price, each 35c

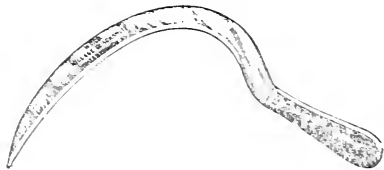


No. 217A—TRANSPLANTING HOE TROWELS  
Largely used by gardeners for setting out cabbage plants, etc.

Price, each 60c

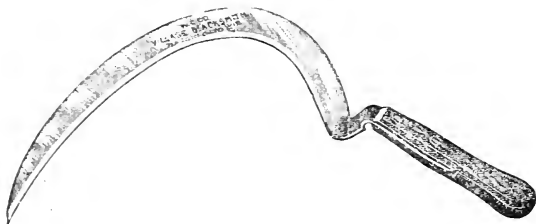


No. 400—SPADING FORK—Four Tine  
Finished in red enamel, polished points, hardwood handle with brass ferrule.  
Price, each 30c



No. 2—Forged from Heavy Crucible Steel. Thoroughly tempered and ground sharp, ready for use. Natural Hammer Finish; top side Full Polished. Mahogany Finish Handle.

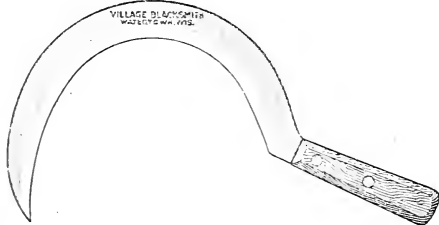
Price, each 75c



(Patented September 15, 1908)

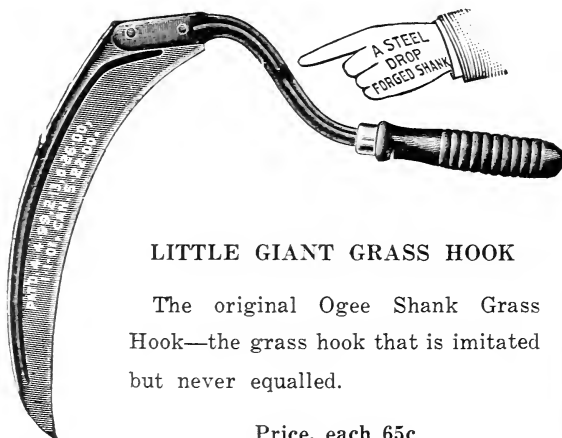
No. 3—Forged from Bar Tool Steel. Thoroughly tempered and ground sharp, ready for use. Hangs perfectly without muscular effort. Natural hammer finish; top side full polished. Turned maple handle. Weight, about 10 pounds per dozen.

Price, each 75c



No. 4—Crucible Steel. Natural finish. Ground wide and sharp. Riveted hardwood handle. Weight, about 6 pounds per dozen.

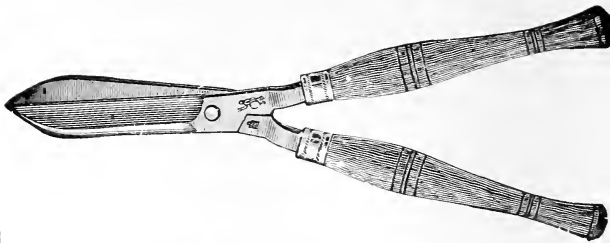
Price, each 65c



#### LITTLE GIANT GRASS HOOK

The original Ogee Shank Grass Hook—the grass hook that is imitated but never equalled.

Price, each 65c



#### Notched Hedge Shears

With driven handles and improved bolt and nut spring washer. Every shear absolutely guaranteed.

9 Inch, \$2.25; 10 Inch, \$2.50.



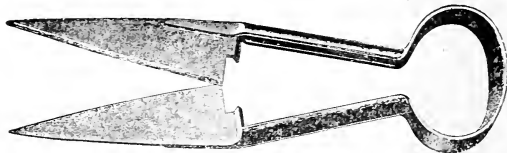
No. V52—Trowel Shank; made of Cutlery Steel. Blade 6 in. long. Finished in heavy green enameled handle and bows. Full Polished Edges.

Price, pair \$1.00



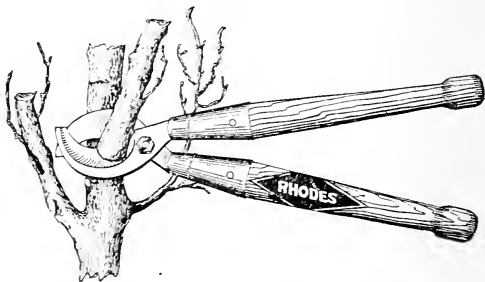
No. V2—Good Quality Shear; forged blade, 6 inches long. Blade edges and bevels polished. Handle and spring green enameled.

Price, pair 75c



No. R4—Good quality competition shear; blade 6 inches long. Natural finish.

Price, pair 65c



#### Rhodes Double Cut Pruning Shears, IN USE THROUGHOUT THE WORLD

PRICE

26 Inch, \$3.50 30 Inch, \$3.75.

The finest cutting and best made pruner on the market and the only one that cuts from both sides of the limb and does not bruise the bark. Made in all styles and sizes.

# PRUNING TOOLS



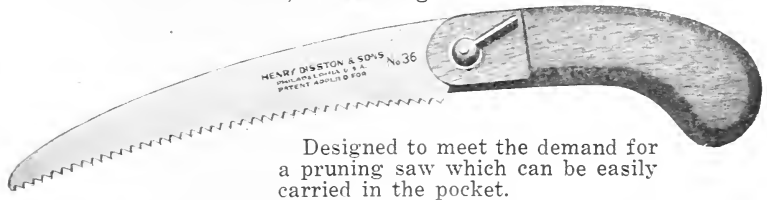
**POLE PRUNER**  
\$1.75



**YORK STATE PRUNER** ..... \$1.75  
Narrow Crucible Steel Blade, Blued. Length of Blade, 20 inches.

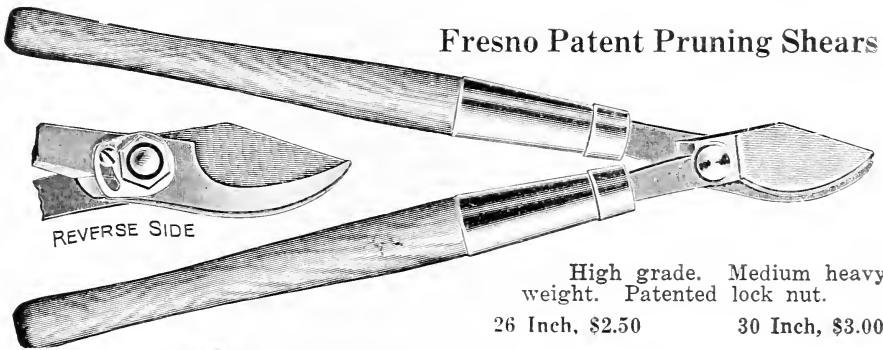


**DUPLEX PRUNER** ..... \$1.25  
Crucible Steel Blade, Double Edge.

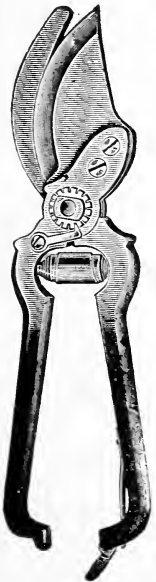


**FOLDING PRUNER** ..... \$1.00

## Fresno Patent Pruning Shears



High grade. Medium heavy weight. Patented lock nut.  
26 Inch, \$2.50      30 Inch, \$3.00



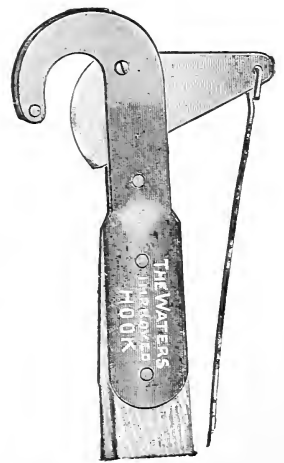
**No. R70—\$2.25**  
With adjusting nut and regulating ratchet; straw-colored tool steel blades of extra quality.



**No. R55—\$2.00**  
California pattern, with adjusting nut; polished; tool steel blades; tempered.



**No. 17—\$1.00**  
California pattern. Steel blade. Volute spring.

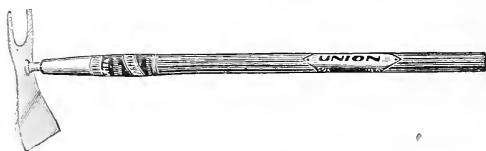


**Waters' Improved Tree Pruner.**  
With it, pruning can all be done on the ground, without ladder or climbing.  
8—10—12 Feet  
\$1.00, \$1.25, \$1.50

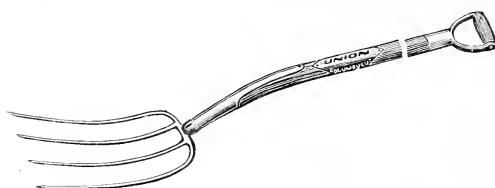
# RAKES



# ONION HOES



# SPADE FORKS



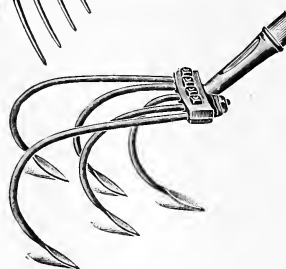
# 5-TOOTH WEEDER

Price  
Without Handle \$0.85  
With Handle \$1.00

# FIELD and GARDEN HOES



# POTATO HOOKS



# MATTOCK HOES



## EARLE SPECIAL SCYTHES, FORGED STEEL—

The Earle Special Scythes are the best on earth, because they are made from the highest quality tested materials in a most complete factory, by the most skilled workmen obtainable.



Grass, Weed and Brush ..... Price, Each \$1.75

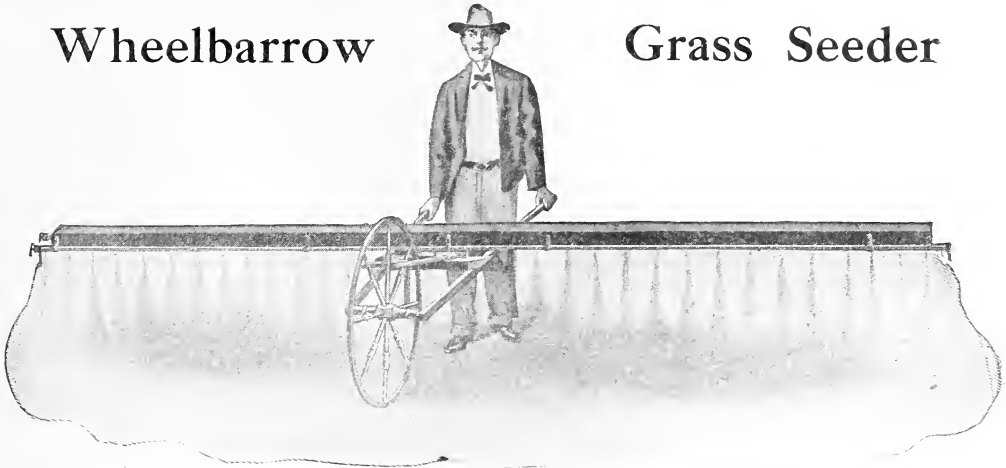


# THOMPSON'S

THE "ORIGINAL" AND ONLY SUCCESSFUL

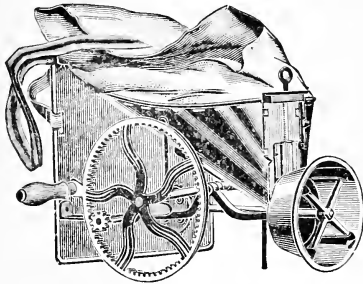
Wheelbarrow

Grass Seeder



**SEEDER No. 1.** Sows Clover, Timothy, Alfalfa and other seeds of same nature, any quantity from 2 to 12 quarts per acre. Hoppers 14 feet long. \$11.00.

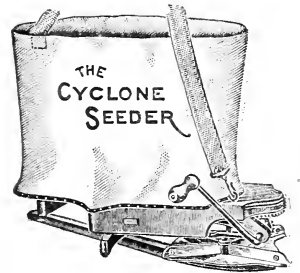
## THE CAHOON BROADCAST SEEDER



The most accurate broadcast seeder made. Will sow all kinds of grain or grass seed.

Price \$4.00

THE  
SOWER  
THAT  
SCATTERS  
EVENLY.

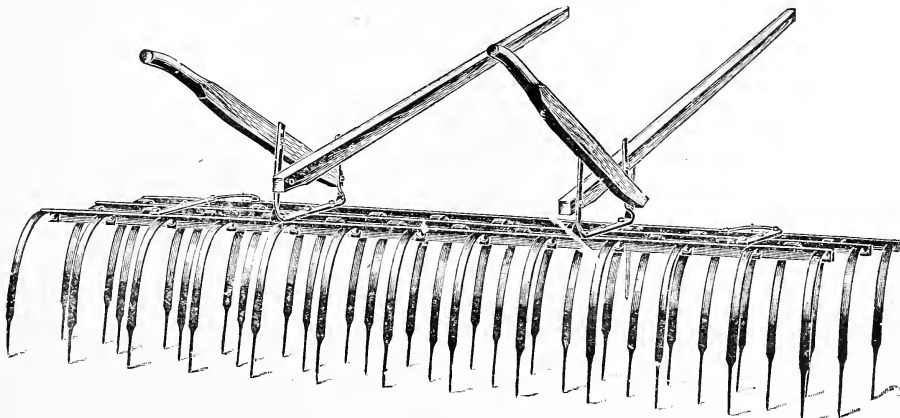


Will sow all varieties of farm seed that can be sown broadcast. Full directions on each machine.

Low priced—But Guaranteed Absolutely.

Price \$2.50

## "SUCCESS" ANTI-CLOG WEEDER AND CULTIVATOR

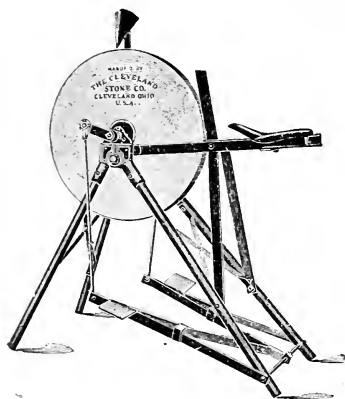


Frame Angle Bar Steel. Flat Spring Steel Teeth, Round Ends

Price \$14.00

**STERLING GRINDSTONE**

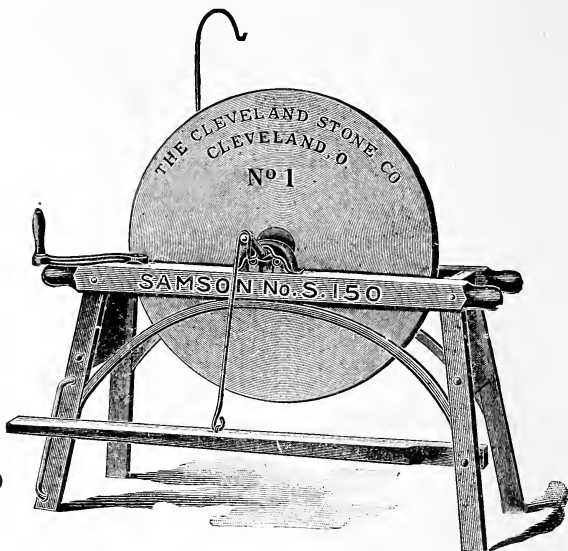
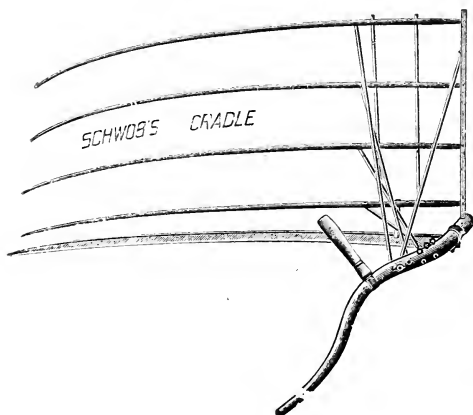
Steel Frame, Ball Bearings.



Stone 19 to 22 inches .....\$9.50

**SAMPSON GRINDSTONE**

Mounted with specially selected stone.

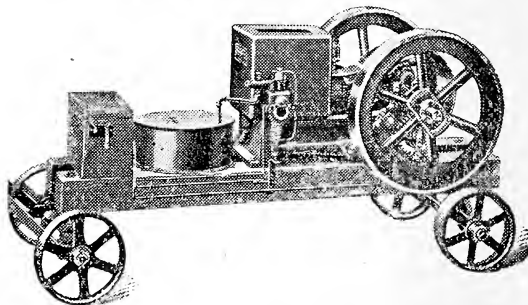
**GRAIN CRADLE**

Schwob's Grain Cradle

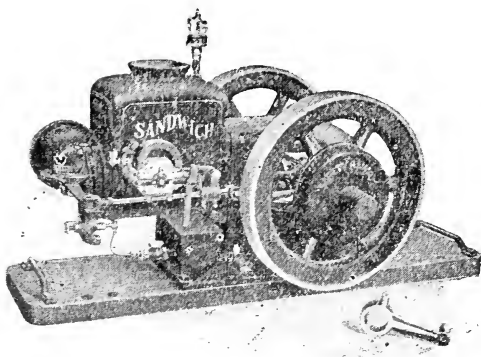
- No. 1—Stone Weighs 100 to 110 lbs.....\$7.50  
 No. 2—Stone Weighs 70 to 80 lbs..... 7.00  
 No. 3—Stone Weighs 40 to 50 lbs..... 6.50

**ENGINES**

Gas, Gasoline and Kerosene



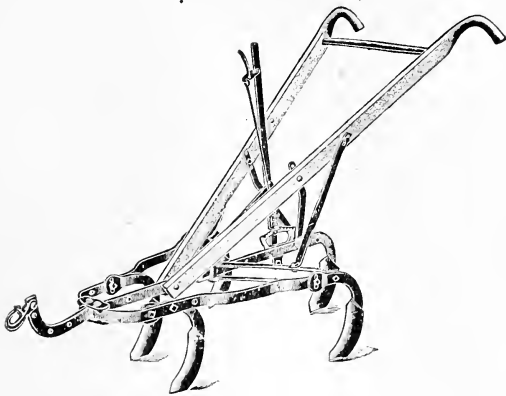
Made in sizes from one to twenty horse-power,  
 mounted on or on skids.



Sandwich Engines are all of the horizontal type. The beds are unusually heavy and amply strong for the strain put upon them. The crankshaft boxes are cast at an angle of 30 degrees, thus distributing the thrust equally throughout the bed instead of directly against the bolts which secure the box caps. All beds are surfaced and bored in jigs, insuring accuracy.

The four-cycle principle is employed in all Sandwich Engines. Experience has shown, and the best engineers everywhere agree, that of the two-cycle and four-cycle types, the latter is the more economical, practical and durable and especially desirable for agricultural conditions.

## Fort Pitt Cultivator



5 Tooth With Lever .....Price \$6.50

7 Tooth With Lever .....Price 9.00

## Fort Pitt Cultivator

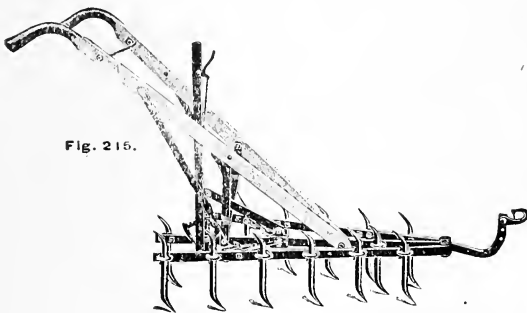


Fig. 215.

14 Tooth Plain .....Price \$6.00

14 Tooth With Lever .....Price 6.50



1 1/2"

3"

3 1/2"

4"

CENTER SHOVEL

WHEEL AND STANDARD

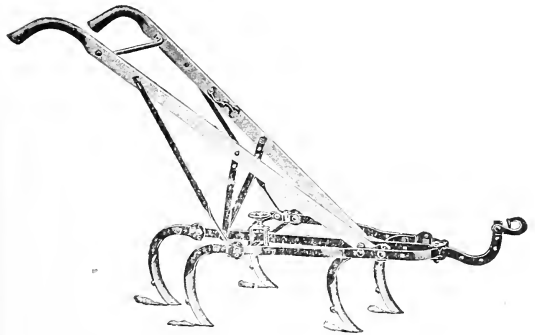
R.&L. HILLERS

Hillers .....Per Set \$1.85

Wheels .....Each 1.00

Blades .....Each .25

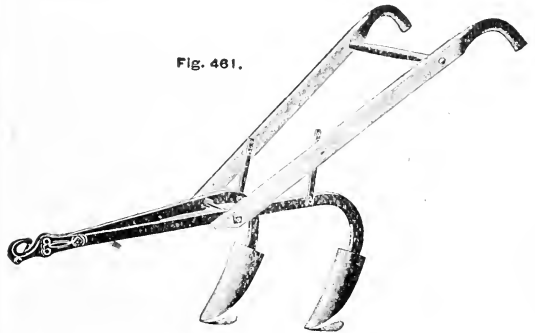
## Fort Pitt Cultivator



5 Tooth Plain .....Price \$6.00

## Fort Pitt Double Shovel Plow

Fig. 461.



Steel Beam .....Price \$4.50

## Fort Pitt Wing Shovel Plow

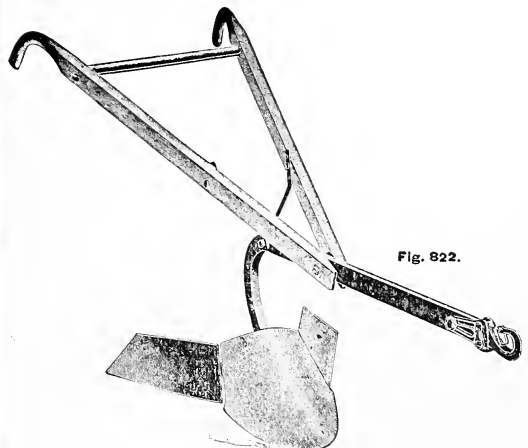
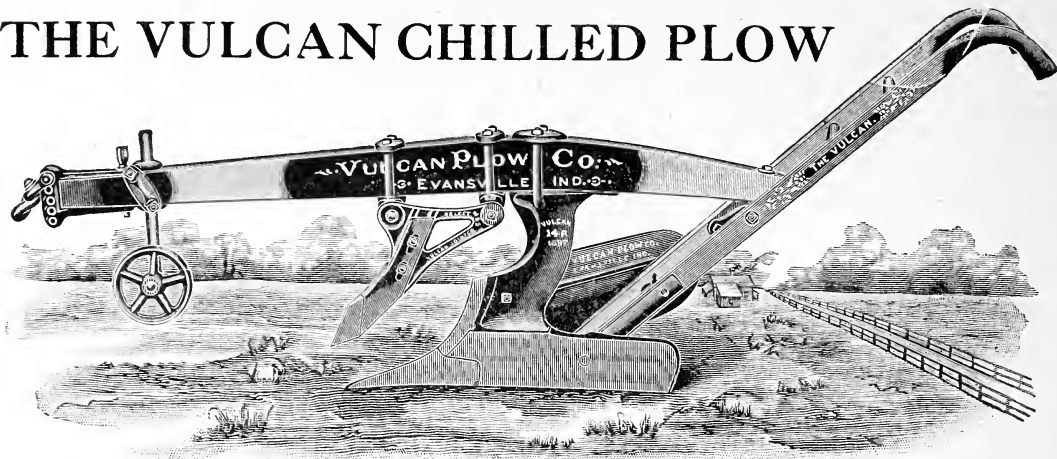


Fig. 822.

Steel Beam .....Price \$6.00

Wood Beam .....Price 6.00

# THE VULCAN CHILLED PLOW

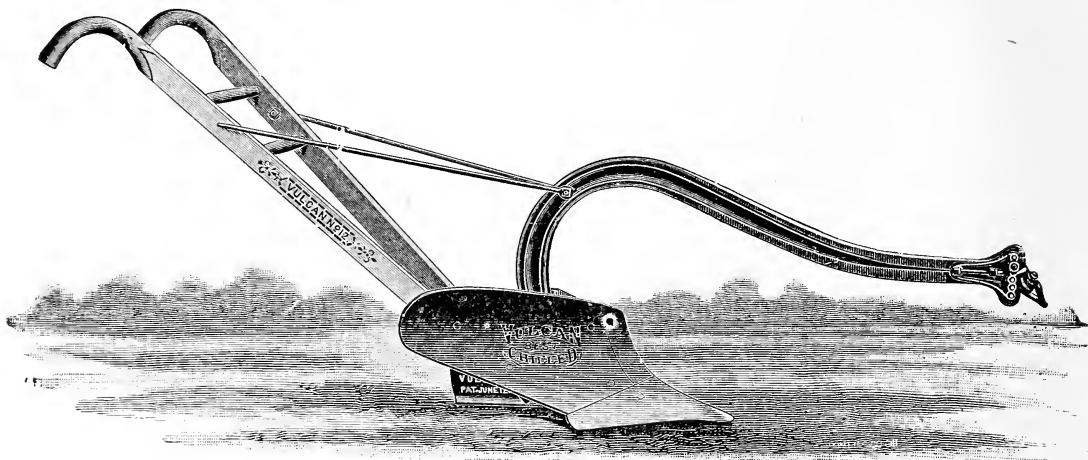


Is considered by users as the BEST PLOW manufactured.

Superior Construction of the Best Material by Competent Mechanics is responsible for its Strength, Durability, Light Draft, and Steady Running. Both Right and Left Hand.

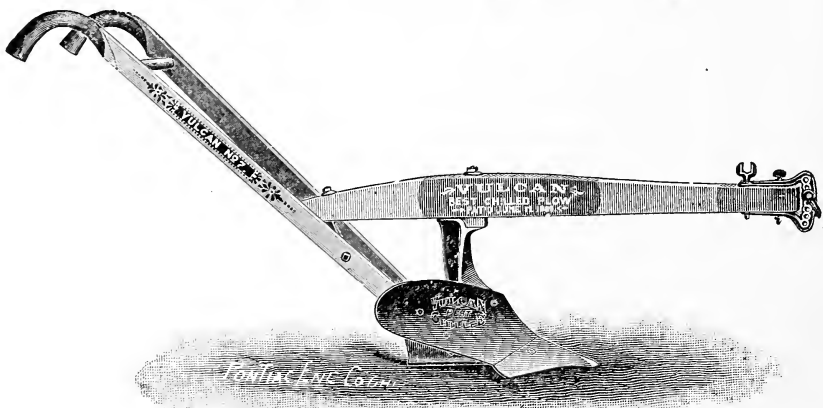
No. 13. Plow, Plain .....	Price \$19.00	Wheel .....	Price \$1.75
No. 14. Plow, Plain .....	Price \$20.00	Jointer .....	Price 4.00

## VULCAN STEEL BEAM PLOW

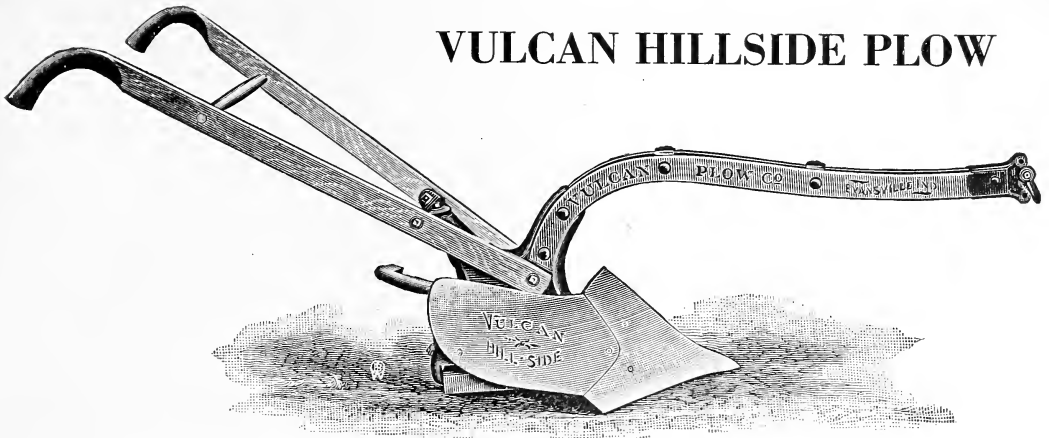


No. 13. Plow, Plain .....	Price \$19.00	Wheel .....	Price \$1.75
No. 14. Plow, Plain .....	Price 20.00	Jointer .....	Price 4.00

## VULCAN ONE HORSE PLOW



No. 8 Plow .....	Price \$10.00	No. 10 Plow .....	Price \$14.50
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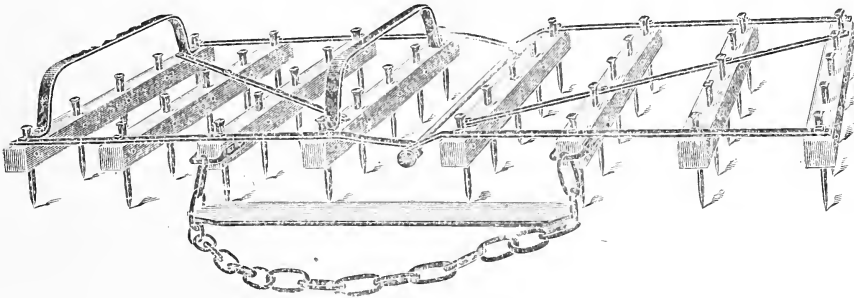
## VULCAN HILLSIDE PLOW

Simple, strong, easily handled. No complicated parts to get out of order.

The Shoe extends full length of bottom of Standard, is Full Chilled to promote long wear, is easily removed and cheaply replaced when necessary.

No. 8. Wood Beam, plain .....	Price \$12.00	No. 10. Steel Beam, plain .....	Price \$16.00
No. 8. Steel Beam, plain .....	Price 12.00	No. 12. Steel Beam, complete with	
No. 10. Wood Beam, plain .....	Price 16.00	Wheel and Jointer .....	Price 28.50

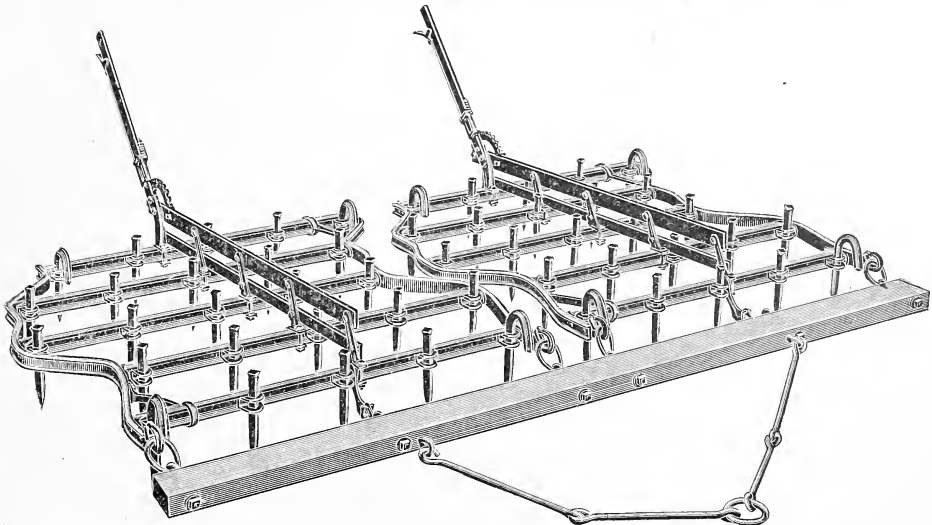
## ROYAL WOOD FRAME HARROW



One Horse, 32 Tooth .....Price \$9.50

Two Horse, 40 Tooth .....Price \$12.00

## Spike Tooth Steel Frame Harrow

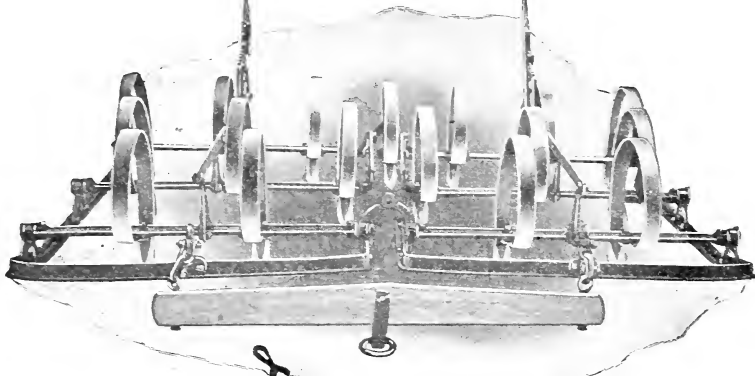


The outside frame is made of channel steel and the tooth bars are riveted to it by means of steel rivets. This construction gives protection to the tooth bars and prevents injury to their coming in contact with stumps, fences or other obstructions.  $\frac{5}{8}$ -inch Teeth.

50 Tooth .....Price \$18.00

60 Tooth .....Price \$20.00

## H arrows

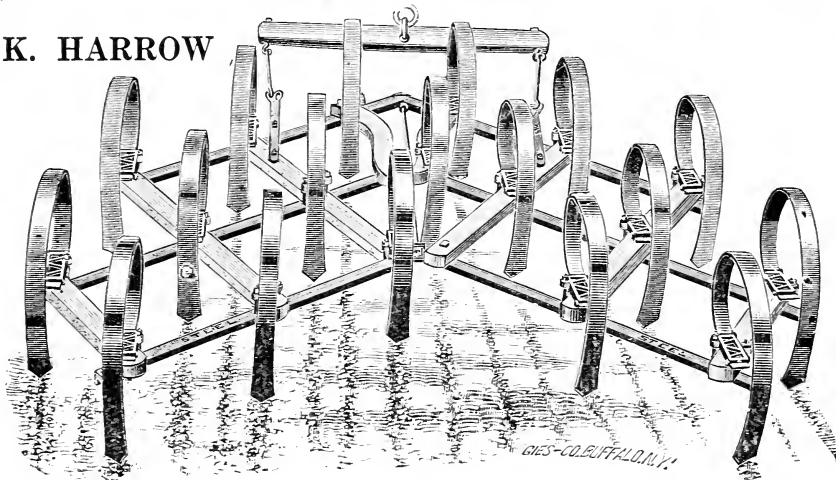


### LOW DOWN SPRING TOOTH LEVER HARROW

Frame is made entirely of steel, with a separate steel plate bolted on the under side of the runners to take the wear. These plates can be renewed at a small expense.

15 Tooth .....Price \$20.00      17 Tooth .....Price \$22.00

### U. T. K. HARROW

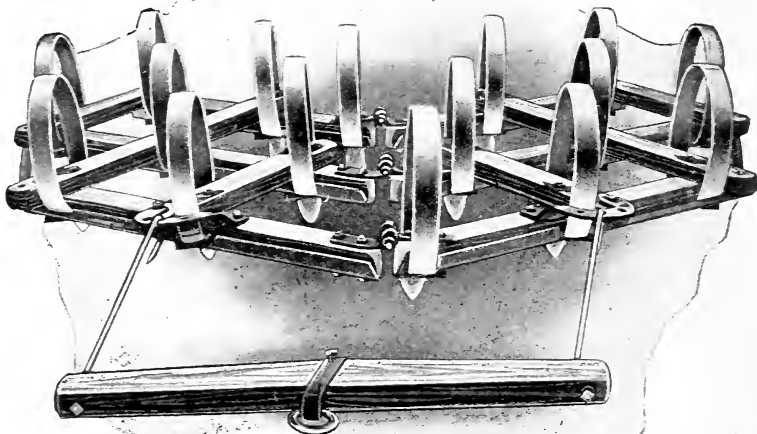


Frame draft bars are made of high carbon steel angle bars, the lower edge of which act as levelers and clod crushers. Cross bars made of hardwood, well painted and varnished.

16 Tooth .....Price \$15.00      18 Tooth .....Price \$16.00

### PERRY HARROW WOOD FRAME.

Lined, Guarded,  
Protected Bolt Heads,  
Perfect Tooth Seat  
and Adjustable Hitch



16 Tooth .....Price \$15.00

18 Tooth .....Price 16.00



# POULTRY SUPPLIES

Scratch Feed

Laying Mash

Developing Feed

Chick Feed

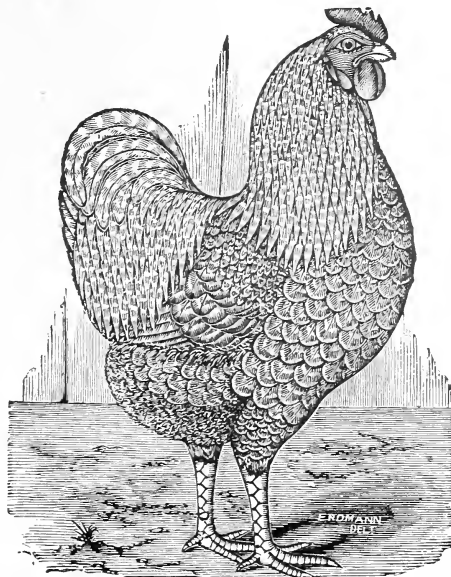
Chick Starter

Oyster Shells

Meat Scrap

Charcoal

Poultry Bone



Fine Chick Grit

Coarse Grit

Cracked Corn

Wheat

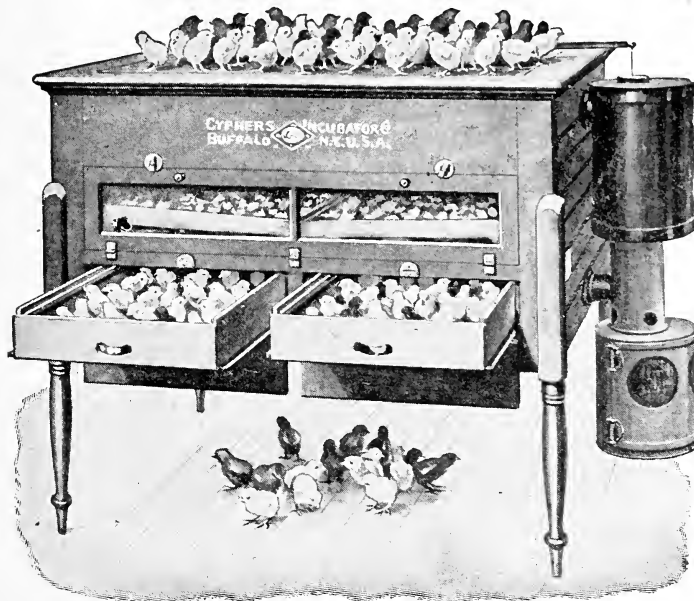
Buckwheat

Kaffir Corn

Pigeon Feed

Pigeon Grit

## CYPHERS INCUBATORS "Standard of the World" BROODERS AND HOOVERS



Standard Incubator No. 0... 70 Egg

Price Each \$33.00

Standard Incubator No. 1...144 Egg

Price Each \$42.00

Standard Incubator No. 2...244 Egg

Price Each \$56.00

Standard Incubator No. 3...390 Egg

Price Each \$69.00

Cyphers Center Lamp Portable Hover

Price Each \$13.50

Adaptable Hover

Price Each \$18.00

Style "B" Outside Brooder

Price Each \$35.00

Paradise Brooder, Base Section

Price Each \$25.00

### The Queen Hot Water Incubators

The Queen Incubator has been marketed in its present type for a good many years and each year has met with great popular favor among the practical users of Incubators.

FIRST: Because of Its Quality.

SECOND: Because of Its Sure Results.

THIRD: Because of the strong, healthy chicks hatched.

#### STYLE K INCUBATORS

No. 20.	Capacity 70 egg.	Retail Price .....	\$16.50
No. 21.	Capacity 130 egg.	Retail Price .....	27.50
No. 22.	Capacity 220 egg.	Retail Price .....	37.50



THIS illustration shows the SOL HOT COLONY BROODER complete with canopy, ready for use, equipped with Automatic Oil and Flame Control Regulator. Made in three sizes of canopy, 32, 42, and 52 inches in diameter. See prices below.



Vaporizer.

THE ALL METAL VAPORIZER. This completely eliminates carbon, retains its efficiency, and does not need renewing like the asbestos rings used by us in the past, and used in all other wickless burners. The operator can use this burner from beginning to end of season without an accumulation of carbon, which would interfere with the efficiency of the burner.

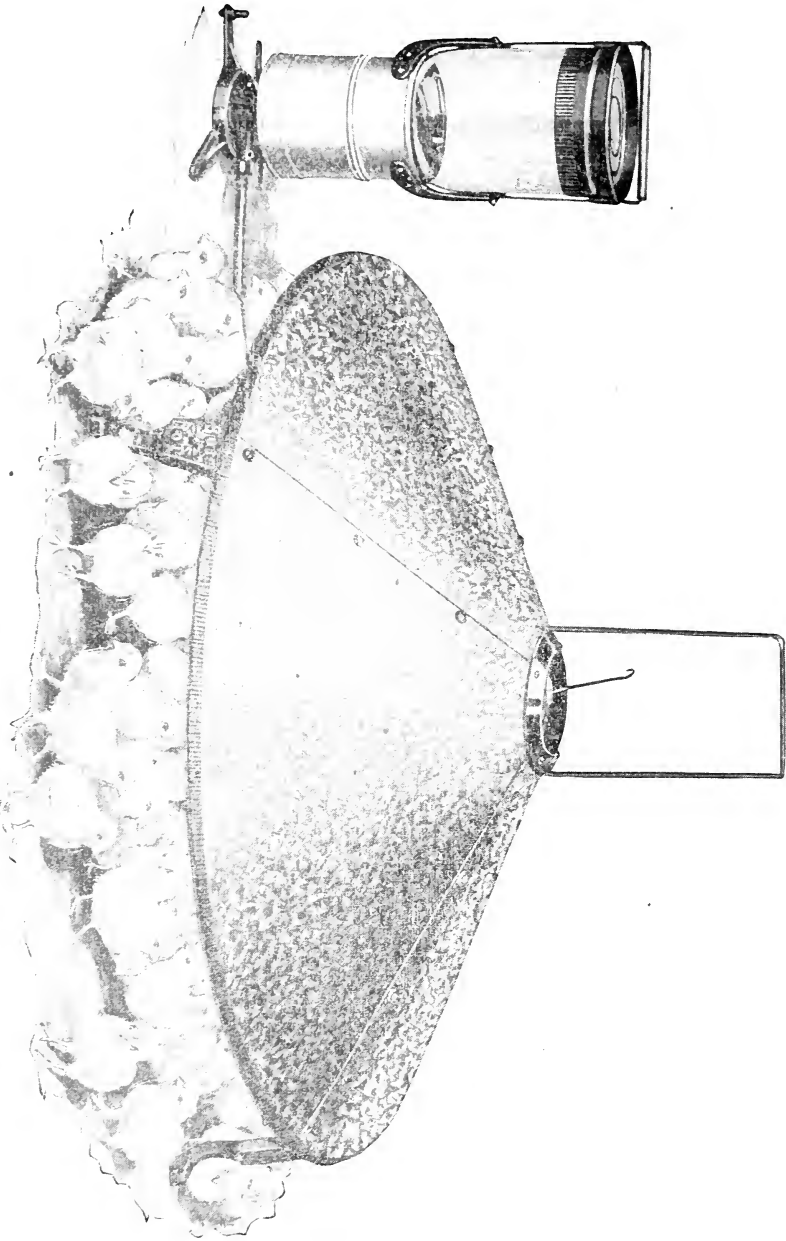
### SIZES AND PRICES OF SOL HOT BROODER, HEATERS AND LAMPS

Baby Sol Hot Brooder complete with canopy, \$10.00.

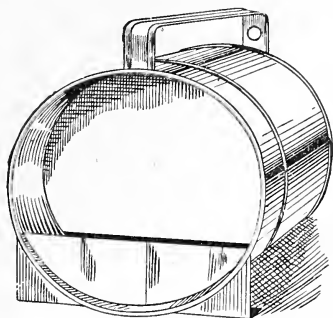
The Standard Sol Hot Brooder, complete with 32-inch canopy, \$17.50.

The Standard Sol Hot Brooder, complete with 42-inch canopy, \$20.00.

The Standard Sol Hot Brooder, complete with 52-inch canopy, \$22.50.



## THE "BOSTON" FOUNTAIN.

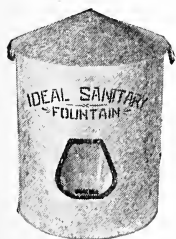


Nothing to Get Out of Order.

1 Quart ....\$ .60 each    4 Quart ....\$1.00 each  
2 Quart .... .75 each    8 Quart .... 1.25 each

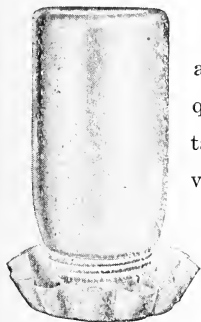
We have recently made an improvement in this Fountain and we now have a very simple and durable Fountain.

## IDEAL SANITARY FOUNTAIN



The fountain is made of galvanized iron, and is similar in construction to the fireless cooker, being packed with a non-conducting material to retain the temperature of the water. The drinking cup, which contains the only water exposed, forms a connection between the outer and inner can, and does not project beyond the outer can, there being no possible chance for droppings.

2 Gallon, \$3.75.    3 Gallon, \$4.25.    5 Gallon, \$5.50

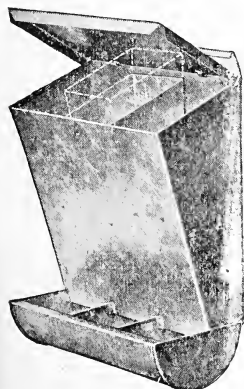


The construction of this article is such as to meet all requirements for a Chick Fountain and it has proven to be a very popular item.

Can be used on any Mason jar.

Price 25c.

## EASILY FILLED. EASILY CLEANED. GRIT AND SHELL BOX.

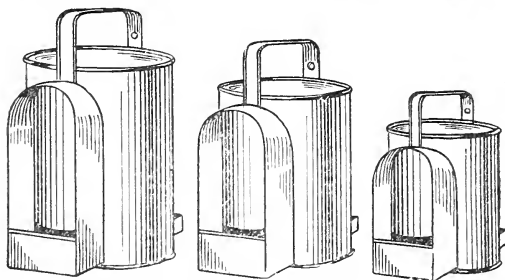


Made of galvanized iron with hinged cover. Bottoms of these boxes are rounded, which prevents the grit from clogging.

No. 1...\$1.00 each

No. 2... 1.25 each

## POULTRY WALL FOUNTAIN.



Made of galvanized iron and warranted tight.

Prices

2 qt., 75c; 4 qt., \$1.00; 8 qt., \$1.25.

## KEYSTONE FOUNTAINS

are made of black steel sheets, all parts riveted, then galvanized, nothing about them to rust. They are easily filled and cleaned.

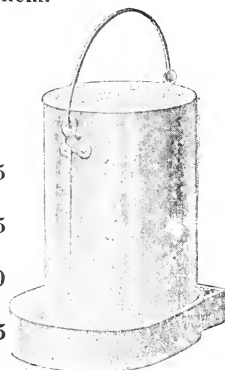
They will stand alone while being filled.

No obstruction in the tank to prevent removal of ice.

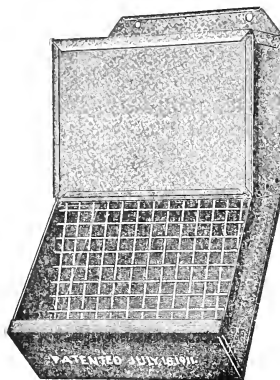
Freezing does not injure them.

PRICES:

1 Quart .....\$ .65  
2 Quart ..... .85  
1 Gallon ..... 1.10  
2 Gallon ..... 1.35



## SEXTON'S DRY FEED HOPPER.



Patented July 18, 1911.

No. 5—24 quarts capacity....\$2.75 each.

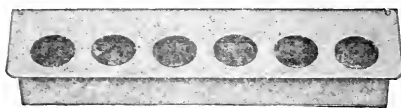
No. 1—12 quarts capacity.... 1.75 each.

No. 2— 3 quarts capacity.... 1.25 each.

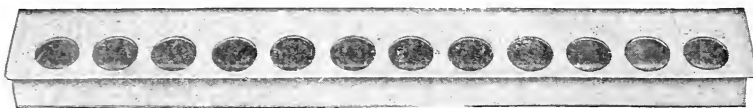
EASY TO FILL—NO WASTE.

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "rat" and "mouse" proof.

# Keystone Chick Feeders



10 INCH SIZE



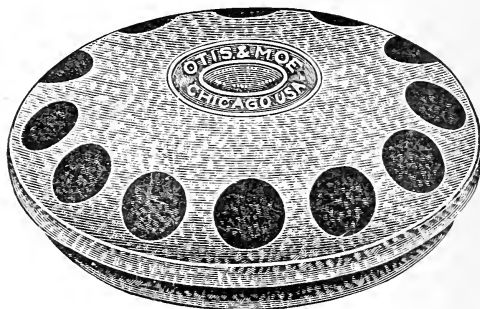
20 INCH SIZE

We offer here two sizes in Chick Feeders. This design has been made for convenience and service. The holes are all flanged to prevent chicks from injuring their heads.

10 Inch .....\$ .35

20 Inch .....\$ .50

## Round Baby Chick Feeders



Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed.

No. 11—6 inches in diameter, 8 feeding holes  
Each, \$0.25.

No. 12—8¼ inches in diameter, 12 feeding holes  
Each, \$0.35.



## Ideal Feeder

This Feeder is made so that it can be hung from the ceiling or any suitable place, thereby making it possible to scatter the grain farther than any automatic feeder, and it also gives the poultry all of the floor space.

8 Qt. ....\$2.00

12 Qt. .... 2.50

20 Qt. .... 3.00

## Sterlingworth Water Glass



Keeps Eggs Eighteen Months.

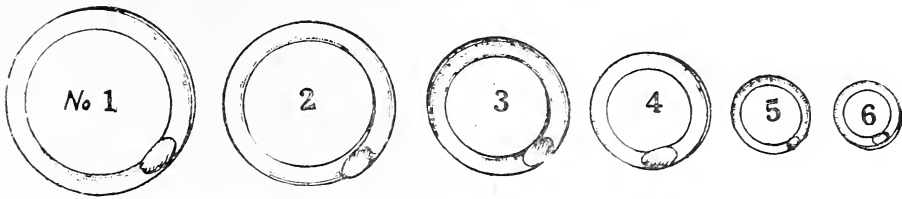
Saves money and helps keep down the high cost of living.

Put down eggs when they are cheap and keep them fresh for 18 months. One gallon added to 12 parts of water makes sufficient for 65 dozen. Water need not be boiled for use with our Water Glass.

1 Qt. 45c.

1 Gal. \$1.25.

## SPIRAL LEGBANDS



Made in TEN different COLORS—Red, Green, Amber, Black, White, Pink, Yellow, Ruby, Light Blue and Dark Blue.

15c Doz.

50c for 50.

85c for 100.



## MEDICATED

They are standard in size, tinted a natural brown color, and an exact imitation of a hen's egg. They contain powerful disinfectant and lice killing properties which insure freedom from insect pests in nests and on the laying hen.

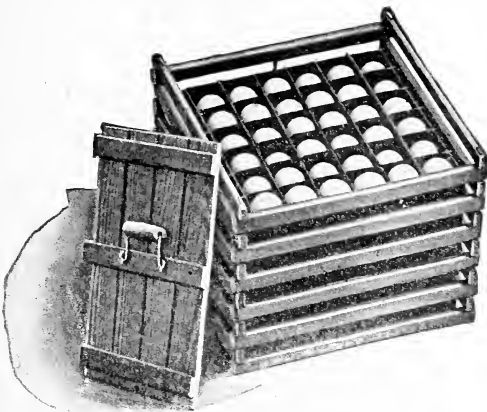
10c Each.

75c Doz.

## NOT MEDICATED

**LIME NEST EGG.** A perfect nest egg. Cheap, strong, durable and odorless. Will not break, and does not disintegrate. Much more satisfactory than the ordinary china nest egg, as the china eggs get very cold in winter, and the hens will kick them out of the nest.

Price, 30c Doz.

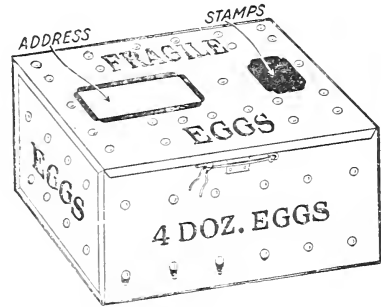


## Owosso Egg Carrier

This egg carrier is extremely popular among farmers and poultry raisers. Saves breaking of eggs, affords perfect ventilation, keeping eggs cool and fresh.

3 Doz. Size 35c.

12 Doz. Size 60c.

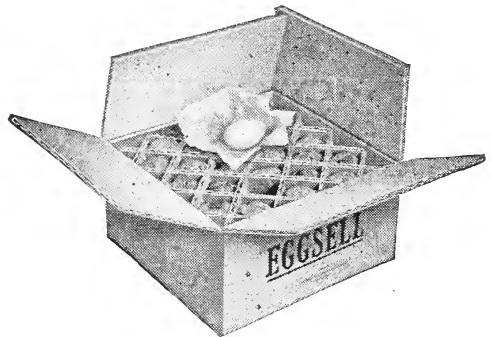


## The Aluminized Metal Egg Crate

solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being strongly constructed, but light in weight.

## PRICES

Dozen-and-a-half size—all eggs .....	\$.85
Two-dozen size—all eggs .....	1.00
Three-dozen size—all eggs .....	1.25
Four-dozen size—all eggs .....	1.50
Six-dozen size—all eggs .....	1.75



## The "Eggsell" Shipping Box

For Market or Hatching Eggs.

Express or Parcel Post Shipments.

This box affords maximum protection to eggs, none of them ever come in contact with the side wall of the box and the diagonal crossing of the divisions prevents the weight of the eggs above from crushing those below. If the eggs are in perfect condition when packed, they will arrive at destination without breaking. Owing to the special construction of the box, the length and width are always the same, consequently the flaps form double thickness on top and bottom.

Sizes—1 doz. 2 doz. 3 doz. 4 doz. 6 doz.

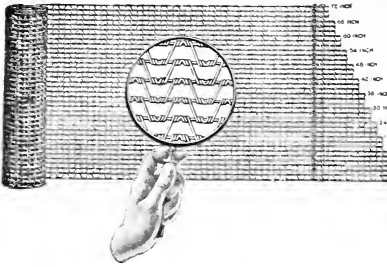
25c

30c

35c

45c

60c



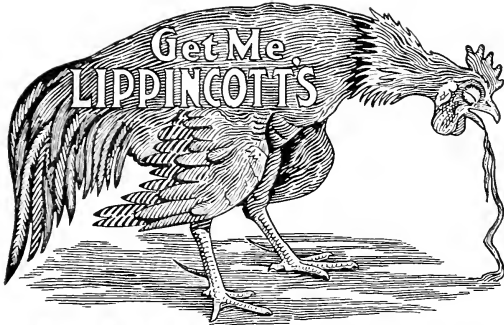
### U. S. POULTRY FENCE—Strongest, Cheapest, Best

U. S. Poultry Fence is made in heights from 12 to 72 inches. Galvanized before and after weaving. Put up in 150-ft. rolls. It is not merely a substitute for the old style netting, but is something better for less money to the consumer and sells on sight. It is the strongest, cheapest, most sightly and best fence for the purpose yet invented. It is a great leader, trade builder and customer satisfier. Made of No. 19 wire throughout.

List Price, Per Roll (150 Lineal Feet) U. S. Poultry Fence.

In. wide	12	18	24	30	36	42	48	60	72
2 in. mesh	\$2.48	\$3.56	\$4.54	\$5.42	\$6.19	\$7.22	\$8.25	\$10.32	\$12.38
1 in. mesh	4.95	7.12	9.08	10.83	12.38	14.44	16.50	20.63	24.75

Ask for Discount.



### ONE NIGHT ROUP CURE

Has no equal for Roup, Gapes, Canker, Chicken-pox, Cholera or Diarrhoea.

Small Bottle 25c.      Medium Bottle 50c.  
Large \$1.00.

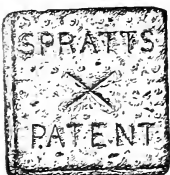


The Bone Shaped  
DOG AND PUPPY FOODS

MILK-BONE is made to meet the particular physical needs of dogs; it is made to suit the peculiar digestive organism of dogs. Milk-Bone not only provides the necessary energy-producing materials, but it also supplies the materials for tissue repair.

Small Package .....25c  
Large Package .....40c

We cannot too strongly impress on Dog Owners the vital importance of feeding their dogs a perfectly balanced ration containing the necessary ingredients mixed together in the correct proportion.



### SPRATT'S DOG CAKES

Are weight for weight equal to raw beef steak and superior to it as a food for dogs.

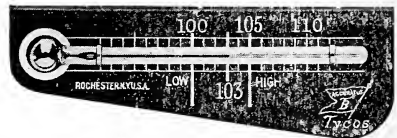
Prices on Application



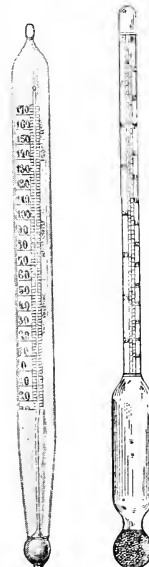
Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills lice, mites, fly eggs, etc, and helps prevent the start and spread of contagious diseases that affect man, beast and fowl.

Carbola is recommended for use instead of whitewash in every place where whitewash ordinarily is used.

Small Pkg. 30c; 10 lb. \$1.25; 50 lbs. \$5.00



5774



5715

7240

No. 5774—Tycos Incubator Thermometer. Angle pattern with flange on upper edge turned over to hook on wire or metal strip; 4-inch black-oxidized brass scale with white-filled figures and graduations; mercury-filled tube. Price, Each 90c.

No. 7240 — Li-Sul-Sprayometer, New York and Pennsylvania Pattern, 0 to 38° Beaume, ½° graduation, 1,000 to 1,350° Sp. Gr. .005° graduation. Price, Each \$1.25.

No. 5715—All-Glass Floating Churn and Pasteurizing Thermometer. Length, eight inches; approximate scale range zero to 120° Fahrenheit, above; mercury-filled tube. Price, Each 50c.

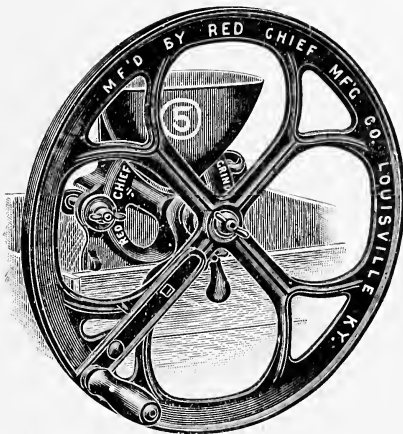
A full line of House and Hot-Bed Thermometers in stock.





The **BLACK HAWK** Corn Sheller has met every test. Has never failed to give absolute satisfaction. The first ones sold are still in daily use and doing perfect work.

Price \$2.50.

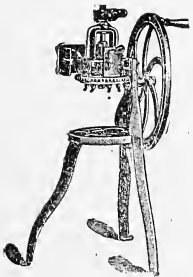


### "Red Chief" No. 5

A Perfect Hand Power Grinding Mill

The Fly Wheel makes the Mill run steady and with the least possible power to turn it. With the crank extended, there is no mill that will run as easy.

Price, \$7.50.



### Mann's Latest Model Bone Cutter, No. 7.

Price List of Mann's Bone Cutters

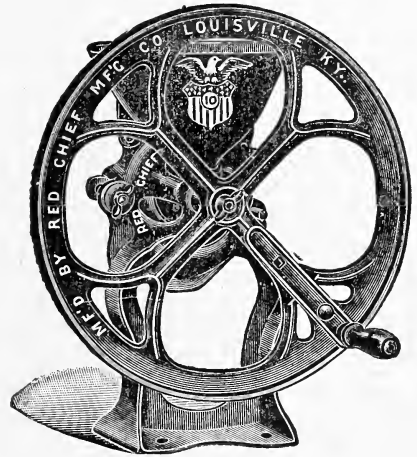
No. 5 C—With Crank Handle.....	\$12.00
No. 5 B—With Balance Wheel .....	16.00
No. 5 BM—With Balance Wheel and Iron Stand .....	20.00
No. 7—With Balance Wheel and Iron Stand .....	24.00
No. 7½—Semi-Power Machine .....	32.00



### Black Hawk Grist Mill

As shown by cuts herein, is warranted to wear well and to grind well Corn, Wheat, Rye, Rice or other small grain, beans, peas, spices, etc.

Price, \$4.00.



### No. 10 "Red Chief."

Grinds Coffee, Chicken Feed and Cracks Peas, etc. Will make good Corn Meal and Graham Flour. Can be cleaned and adjusted in a moment's time without the use of a wrench.

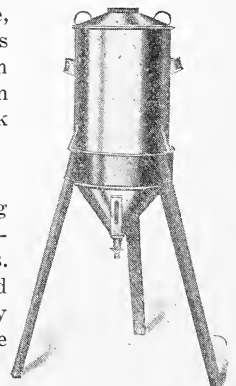
Price, \$10.00.

### The "King" Cream Separator

Single can or dilution style, water and milk mixed. Sets in a tripod with ample room to place a pail underneath faucet for drawing off milk and cream.

Specifications.

**Tank:** Heavy tin, tapering form. Removable brass faucet. Mica gauge glass. Strainer cover. Oiled wood legs which fit into a heavy metal ring into which the can sets. Crated singly.



No. 505— 5 gal. capacity.....	Price \$6.00
No. 510—10 gal. capacity.....	Price 7.00
No. 515—15 gal. capacity.....	Price 8.00
No. 520—20 gal. capacity.....	Price 9.00

# Pratts

## Poultry Regulator Buttermilk Baby Chick Food Poultry Remedies

### PRATT'S POULTRY REGULATOR

This half century old preparation is still unapproached for keeping poultry robust, and for producing the necessary poultry health which means lots of eggs. It regulates the bowels and digestive organs of all fowls and enriches the blood, this bringing about a condition of sound health which resists disease, prevents unnatural habits such as egg eating.

It is also largely used and recommended for raising turkeys, geese, ducks, pigeons, guineas and other fowl.

Wonderfully inexpensive—only about a cent per month per hen—yet it carries the famous Pratt Guarantee of satisfaction or money refunded.

Put up in convenient packages; also in 12 and 25 lb. pails and 50 and 100 lb. bags.

When baby chicks come, keep them healthy and growing and bring even the weak ones along by feeding



### PRATT'S BUTTERMILK BABY CHICK FOOD

A largely pre-digested baby food for baby chicks. Guaranteed to raise every livable chick. Prevents leg weakness, white diarrhoea, "pasting up" and other chick diseases.

The cost per chick for three weeks is about one cent. If by using Pratt's Baby Chick Food you can save five more chicks out of one hundred than you formerly did, considering these five chicks at three weeks of age as worth at least One Dollar, your food has cost you nothing and you have five more husky chicks. These figures are too conservative as losses ordinarily in many cases average from 25 per cent to 50 percent for the first three weeks.

Using Pratt's Baby Chick Food means Life Insurance for the baby chicks for the critical first three weeks period, at a very small outlay and guaranteed to give the little fellows a splendid start which will prove the foundation for the development of strong, healthy pullets and cockerels.

### DR. HESS

### POULTRY AND STOCK PREPARATIONS.

#### DR. HESS POULTRY PAN-A-CE-A.

Makes poultry health; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs; brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Cost but a trifle—a penny's worth enough for 30 hens per day. 11½ lbs. 5 lbs. 12 lbs. 25-lb. pail. Guaranteed.



#### DR. HESS ROUP REMEDY

For roup, Diphtheria, Chicken Pox and all catarrhal diseases. It has these distinctive features: it is antiseptic, slightly astringent, non-irritating and healing. 4-oz. cans 25c, 10-oz. cans 50c. Guaranteed.

#### INSTANT LOUSE KILLER

Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting-top cans—look for the word "Instant" before buying. Guaranteed.



#### DR. HESS DIP AND DISINFECTANT

Non-poisonous and non-irritating and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains. Guaranteed.



## E. G. HELMBOLD

148 CHALFONTE AVENUE

WEST VIEW

West View, Pa., June 24, 1921.

Scobie & Parker Company,  
507 Liberty Avenue,  
Pittsburgh, Pa.

Gentlemen:—

My experience with "Golden Grain Laying Mash" should interest your mill.

I started feeding eleven "Barred Rock" hens your mash the last week in February. I received 7 eggs in February, 187 in March, and April production was 247. Since May 1st, I have averaged 8 eggs per day from these eleven hens.

I had figured on getting 5 or 6 hens to set out this lot, but only got one. The mash keep them busy producing eggs.

Have used several other laying mashes, but have never approached such results as with your mash. You have solved the question of egg production. "Golden Grain Laying Mash" is giving me 30 per cent. more profit than I have ever made out of poultry.

Yours truly,

E. G. HELMBOLD,

148 Chalfonte Ave.

West View, Pa.

Wire, Telephone or Write us for  
prices on above Feed, and other "Golden  
Grain Products."

**SCOBIE & PARKER COMPANY.**

**NOTICE!**

**AFTER MAY 1ST**

**WILL BE LOCATED IN OUR NEW BUILDING  
427 LIBERTY AVE.**

**A HALF SQUARE BELOW OUR PRESENT LOCATION  
ON SAME SIDE OF LIBERTY AVE.**

**SCOBIE & PARKER CO.**

# SCOBIE & PARKER CO.

PITTSBURGH, PA.

POST OFFICE ADDRESS -----

[illegible]

(Over)

[illegible]

(Over)



# EG-MAKER DRY MASH

## WITH DRIED BUTTERMILK and GROUND MEAT SCRAPS

**LAYING FACTS:**—If you raise poultry, you expect to get a sufficient amount of eggs to enable you to make a profit. You can get them providing you feed properly.

An egg consists of four principal substances, water, protein, ash and fat. If you furnish these substances in your feed, you will get EGGS.

Feed **EG-MAKER DRY MASH** in a box or hopper and keep it before your hens at all times. Make them eat it by feeding sparingly of **GOLDEN GRAIN SCRATCH GRAINS**. Hens, just like humans, have a tendency to eat of feeds that produce fat and just as a doctor diets a human, so must you diet your flock to an egg producing feed or else they will become fat boarders.

**EG-MAKER DRY MASH** contains eighteen percent protein which is furnished from animal substances, vegetable substances and milk. It has been conclusively proven in numerous tests with high grade poultry that the most eggs are produced when a ration containing diversified protein is used.

Another important fact concerning **EG-MAKER DRY MASH** is that it stimulates the chicken's thirst thus furnishing a desire for water which is very important in profitable egg production.

**REMEMBER:** It is natural for the hen to crave a grain feed and sometimes it is difficult at first to accustom them to a dry mash feed. The first few days feed **EG-MAKER DRY MASH** with just a sufficient quantity of water to make it crumbly. After a few days your hens will become used to this ration and will relish it dry. When they eat a large amount of **EG-MAKER DRY MASH**, they cannot help but **LAY MORE EGGS**.

For an exercising feed use **GOLDEN GRAIN SCRATCH FEED** (grain ration) in the evening, strewing it in a litter of straw and also a small amount fed in the same way in the morning.

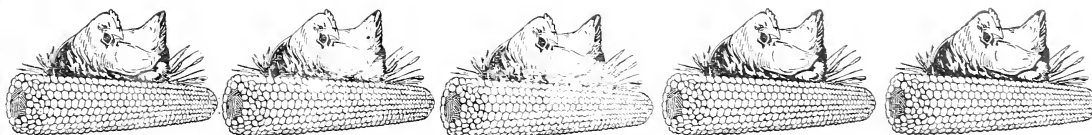
In winter a hot mash made with **EG-MAKER DRY MASH** and water is very beneficial.

Buy a sack of **EG-MAKER DRY MASH** and **GOLDEN GRAIN SCRATCH FEED** today and "**INCREASE THE LAY OF YOUR HENS**".

Manufactured by **GOLDEN GRAIN MILLING CO.** East St. Louis, Ill.

FOR SALE BY

**SCOBIE & PARKER CO.**  
PITTSBURGH, PA.





# FARMOGERM

## A Seed Inoculant that Increases Crop Production

Seeds of all legumes—beans, peas, clover, alfalfa, and related crops—will yield far better if inoculated with Farmogerm, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used Farmogerm would not be without it.

### FARMOGERM STAYS GOOD INDEFINITELY

Farmogerm keeps for years. Because of the method of sealing the bottle—a patented stopper which admits filtered air and keeps out all impurities—Farmogerm is just as good in five years as when first bottled. Other inoculants get weaker each day—Farmogerm always has its full strength. Just add water and shake the bottle and sprinkle over the seeds as directed. Your crop will benefit beyond your expectations.

### FARMOGERM PRICES REDUCED

New methods of production have given lower prices. You cannot now afford to do without FARMOGERM.

A special composite culture is prepared peas, beans and sweet peas— $\frac{1}{4}$ -acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5, price 50c.

Farmogerm prices are: 1-acre size, \$1; 3-acre size, \$2.50; 12-acre size, \$9. Full directions accompany each bottle.

### FARMOGERM IS ECONOMICAL

No other inoculant on the market is so strong and virile; no other inoculant will thoroughly treat as much seed. The one-acre size bottle of Farmogerm is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to inoculate.

# STIM--PLANT

## AN ALL-THE-YEAR FERTILIZER FOR GARDEN AND HOUSE PLANTS

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is Stim-U-planT, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash. The proportions are accurate, there is no unnecessary filler, and in this form you are able to apply plant-food exactly when and where and as needed.

### MAKE YOUR GARDEN A WONDER GARDEN

These tablets increase production, heighten color and improve quality. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hot-house benches, etc. They are equally good for evergreens and other trees as for a small fern, petunia or other potted plants.

### STIM-U-PLANT TABLETS

can be used in tablet form, or dissolved in water at the rate of one tablet to the quart. Complete directions with every package.

Order Stim-U-planT tablets with your seed and plant order. Price, 10 tablets for 15 cts., 30 for 25 cts., 100 for 75 cts., 1,000 for \$3.50.

## AT LAST!—A PERFECT SPRAY

# SPRAY-TABS

**BORDEAUX-ARSENATE TABLETS**  
INSECTICIDE AND FUNGICIDE  
IN TABLET FORM

An entirely new departure in insect control and the prevention of disease among plants. The most convenient way. No more home mixing of offensive, poisonous ingredients from bulk packages; no more improper preparation of spray solution. Spray-Tabs solve the spraying problem. The one spray for all general garden use. Dispense with bulk spray materials and use Spray-Tabs for all leaf-eating or chewing insects and the prevention of plant diseases. The making of an insecticide and fungicide in combination in tablet form marks a new era in spraying.

### PREVENT PLANT DISEASE WHILE FIGHTING INSECTS

Spray-Tabs combine convenience, reliability and economy in a modern, efficient and accurate insecticide and fungicide. The plant grower has never before had the advantage of spray materials in tablet form. Spray-Tabs' safety and accuracy are alone sufficient recommendation. All that is needed to make an ideal spray for garden crops is to put the required number of tablets in a specific amount of water, agitate the solution and apply it to the plants. There is no opportunity to improperly make the solution.

### SPRAY-TABS—THE NEW-WAY SPRAY

Order them with your seed and plant order, that pest control may begin with garden making. Thirty tablets for 30c. Complete directions for every use with each package.

1876-1922

# SCOBIE & PARKER CO.

GENERAL AGENTS FOR THE

**FAMOUS VULCAN PLOWS**

YOU LOSE WHEN YOU DON'T BUY A VULCAN

COME AND SEE US—

WE WILL PROVE IT



**Scobie & Parker Co.**

**507 Liberty Ave. Pittsburgh, Pa.**

Garden Seeds, Field Seeds, Bulbs and Roots, Flower Seeds, Chicken Feeds, Engines, Washing Machines, Kramer Wagons, Wood Pumps, Corn Planters, Cider Mills, Harrows, Feed Mills, Dicks Fodder Cutters, Roofing Paper, Grain Drills.